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**CR** Consumer  
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# BUYING GUIDE

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# 2025



# Welcome to the 2025 Buying Guide!

Our digital guide offers more than 2,000 ratings and reviews for appliances, home entertainment gear, cleaning tools, cars and trucks, and more. The PDF format offers take-along convenience: Just download it to your favorite device and consult it as you shop. Or print out only the pages you need.

It's easy to move between the Home, Tech, and Autos sections, or from one product category to another, to find the information you want. Follow the simple instructions below to get started.

You'll find this special digital edition is packed with independent expert shopping guidance and our ratings for

26 essential home and tech categories, from air purifiers to wireless speakers, plus new and used cars and tires.

As always, we buy all of the products we test, and we don't accept any ads, so you can trust us to tell it like it is—and to help guide you to the best, safest, most budget-friendly choices.



Use your PDF reader's "Download" feature to save the whole guide to your laptop, desktop, tablet, or phone.



You can print out every page or just the category you need.

**CR** BUYING GUIDE 2025

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Click on the tabs at the top of every page to move between sections.

Click on any product category on the Contents page to jump right to buying advice for that product.

Click on the images to jump to the corresponding product section.

# How to Use CR's Buying Advice

On the pages that follow you'll find all the information you need to make informed shopping decisions.

Start with the buying advice to help you decide what you want from a product. Then go to the ratings charts to get the details on performance, reliability, owner satisfaction, and key features.

For some product categories, you'll find full ratings that include every currently available model we tested. For others, we show a selection of models, including those recommended for most people.

To see full ratings, readers with a Digital or All Access membership can go to the CR.org address listed for every category.

Our experts checked that the products in this guide were available at publication time. Be aware that, depending on how long after publication you are using this issue, there may be products that are no longer available. There may also be newer models that we had not yet reviewed when we published this edition.

**1 Overall Score** combines the results of performance tests with the data we collect through surveys of CR members to give you a holistic picture of product quality.

**2 CR Recommended** products are the top-scoring models that have no brand reliability problems. Read how autos earn the CR Recommended mark on page 104.

**3 CR Smart Buy** highlights products (not including autos or tires) that meet all our performance, reliability, and safety standards and offer a great value.

**4 CR Green Choice** designates models with a lower environmental impact.

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## Washing Machines

Today's washers boast larger capacities, so you can do more laundry at once. You'll also find specialty cycles for bedding, waterproof items, and more, and WiFi-enabled models that provide added perks, like notifications when a load is finished.

**What to Look For**

- ▀ The right capacity for your needs. Our tests found that washers with a claimed capacity over 4.5 cubic feet can fit a king-sized comforter.
- ▀ Higher spin speeds (mostly on front-loaders) extract more water, saving time and energy.
- ▀ Automatic dispensers will release detergent, bleach,

and fabric softener at the correct time.

- ▀ An extra rinse cycle can remove sensitive-skin-irritating detergent residue and helps get rid of pet hair.

**What to Skip**

- ▀ A steam cleaning option. Despite manufacturers' claims, our tests found that

**BUYING ADVICE**

If your laundry area is near bedrooms or living spaces, narrow your search to machines with impressive scores in our noise and vibration tests.

For more buying advice, go to [CR.org/washers](http://CR.org/washers)

**What You'll Pay**

▀ Capable washing machines start around \$600. A 24-inch-wide compact model might save space, but you'll spend \$800 to \$2,000 on a compact washer, and roughly the same on a compact dryer.

Brand • Model	Overall Score	Price	7		8									
			Survey Results	Test Results	Features									
			Predicted reliability	Owner satisfaction	Washing performance	Energy efficiency	Water efficiency	Gentleness	Noise	Vibration	Cycle time (min.)	Stackable	Dimensions (in.)	
<b>FRONT-LOAD WASHERS</b>														
LG WM3900HWA	87	\$1,150	5	6	5	5	5	5	5	5	85	•	39 x 27 x 31	
LG WM8900HBA	87	\$1,500	5	5	5	5	5	5	5	5	105	•	41 x 29 x 33	
LG WM3600HWA	87	\$800	5	5	5	5	5	5	5	5	100	•	39 x 27 x 31	
LG Signature WM9500HKA	86	\$1,900	5	5	5	5	5	5	5	5	120	•	41 x 30 x 34	
LG WM6500HWA	84	\$1,300	5	5	5	5	5	5	5	5	110	•	39 x 27 x 33	
Speed Queen FF7005WN	84	\$2,100	5	5	5	5	5	5	5	5	75	•	41 x 27 x 31	
LG WM5500HWA	83	\$1,200	5	5	5	5	5	5	5	5	110	•	39 x 27 x 31	
LG WM8100HVA	83	\$1,000	5	5	5	5	5	5	5	5	95	•	41 x 29 x 32	
LG WM4500HBA	83	\$1,095	5	5	5	5	5	5	5	5	105	•	39 x 27 x 33	
Electrolux EFLS62UTT	82	\$800	5	5	5	5	5	5	5	5	85	•	39 x 27 x 32	
LG WM6700HBA	82	\$1,600	5	5	5	5	5	5	5	5	120	•	39 x 27 x 33	
LG WM3470CW	82	\$1,000	5	5	5	5	5	5	5	5	95	•	39 x 27 x 33	
Samsung WF50A8500AV	81	\$1,250	5	5	5	5	5	5	5	5	115	•	39 x 27 x 33	

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WORSE
BETTER
CR RECOMMENDED
CR SMART BUY
CR GREEN CHOICE

**5 Predicted Reliability** is our forecast of the likelihood that newly purchased models from a given brand, adjusted by product use and extended warranty/service contract status, will have a problem within a given time frame, based on CR's Member Surveys.

**6 Owner Satisfaction** is based on the proportion of surveyed CR members who are extremely likely to recommend the product they bought or purchase it again.

**7 Test Results** indicate how well the product performed in our exhaustive in-house tests.

**8 Features** show the details about a given product, including dimensions, and more.

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# HOME





# Air Purifiers

We test portable air purifiers for a range of room sizes. For every room size, we have found models that are capable of quickly clearing dust, smoke, and pollen at both their high and low speeds.

### What to Look For

- Most portable air purifiers use a fan to suck in particle-rich air for filtration. Fanless models are quieter, but those we tested worked poorly.
- A high efficiency particulate air (HEPA) filter—a very fine mesh filter will capture tiny particles, such as smoke.
- A washable—and reusable—

prefilter collects large particles before they reach the HEPA filter, possibly extending its life.

- Air purifiers with filter indicator lights let you know when to replace the filter.
- Energy Star-certified models can save you money on utility bills compared to those without the designation.

### What to Skip

- Models with electrostatic precipitators or ionizer technology could produce ozone, a lung irritant.

### What You'll Pay

- Air purifiers range from below \$100 to over \$1,000—plus filters and the cost of energy for 24/7 operation.

### BUYING ADVICE

Many models are certified for a clean-air delivery rate (CADR), their cleaning speed. Look a CADR that's at least two-thirds of the square footage of your space.

For more buying advice, go to [CR.org/air-purifiers](https://www.crd.org/air-purifiers).

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features				
			Predicted reliability	Owner satisfaction	Dust, pollen, smoke removal (low)	Dust, pollen, smoke removal (high)	Noise (low speed)	Noise (high speed)	Ease of use	Annual cost (\$)	Weight (lb.)	Energy Star	Filter-life indicator	Remote control
<b>EXTRA-LARGE ROOM (650 SQ. FT. OR MORE)</b>														
✓ <b>Coway</b> Airmega ProX	85	\$1,000	↑	↑	↑	↑	↑	↓	↑	244	51	•	•	•
✓ <b>Blueair</b> Classic 605	76	\$430	↑	↑	↓	↑	↑	↓	↑	233	30	•	•	App Opt.
✓ <b>Fellowes</b> AeraMax SV	72	\$780	–	–	↑	↑	↓	↓	↓	348	30	•	•	•
✓ <b>AirDoctor</b> AD5500	72	\$1,000	↑	↑	↓	↑	↓	↓	↑	323	33	NA	•	•
✓ <b>CleanForce</b> Mega 1000	67	\$470	–	–	↑	↑	↓	↓	↑	301	33	•	•	•
✓ <b>Alen</b> BreatheSmart 75i Pure	65	\$750	↓	↑	↓	↑	↓	↓	↑	131	27	•	•	App •
<b>IQAir</b> HealthPro Plus	54	\$900	↑	↑	↓	↑	↑	↓	↑	305	34	•	•	•
<b>CleanForce</b> H13	51	\$400	–	–	↓	↑	↓	↓	↑	194	15	•	•	App •
<b>NuWave</b> OxyPure 8001	50	\$600	↓	↓	↓	↑	↓	↓	↑	90	26	•	•	App •
<b>Shark</b> HE601	49	\$450	–	–	↓	↓	↓	↓	↑	266	24	•	•	•
<b>AirDoctor</b> AD3000	49	\$520	↑	↑	↓	↓	↓	↓	↑	294	20	•	•	•
<b>Hunter</b> HP850UV-GR	48	\$400	↑	↓	↓	↓	↑	↓	↓	270	25	•	•	•



**AIR PURIFIERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features					
			Predicted reliability	Owner satisfaction	Dust, pollen, smoke removal (low)	Dust, pollen, smoke removal (high)	Noise (low speed)	Noise (high speed)	Ease of use	Annual cost (\$)	Weight (lb.)	Energy Star	Filter-life indicator	Remote control	Auto fan speed
<b>LARGE ROOM (350 TO 650 SQ. FT.)</b>															
Blueair Blue Pure 211+	80	\$250	↑	↑	↑	↑	↓	↓	↓	196	16	•	•		
Winix 9800	75	\$330	↑	↑	↓	↑	↓	↓	↑	143	19	•	•	App	•
Levoit EverestAir LAP-EL551S-SLV	75	\$500	↑	↑	↓	↑	↓	↓	↑	152	21	•	•		•
Blueair Blue Pure 211+ Auto	74	\$340	↑	↑	↓	↑	↓	↓	↑	165	15	•	•		•
Levoit PlasmaPro 600S	73	\$300	↑	↑	↓	↑	↑	↓	↑	127	14	•	•		•
HoMedics AP-C500	72	\$400	↓	↓	↑	↑	↓	↓	↑	155	20	•	•	App	•
Blueair Protect 7470i	71	\$730	↑	↑	↓	↑	↑	↓	↓	137	28	•	•		•
Honeywell InSight HPA5300B	71	\$290	↑	↓	↓	↑	↑	↓	↑	216	20	•	•		•
Woozoo APF-45	70	\$500	-	-	↑	↑	↓	↓	↓	98	30	•	•		•
Toshiba CAF-Z85US(W)	67	\$300	-	-	↓	↑	↑	↓	↑	181	21	•	•	App	•
Black+Decker BAPUV350	66	\$543	-	-	↓	↑	↓	↓	↑	243	27	•	•		•
Danby DAP290BAW	66	\$400	-	-	↑	↑	↓	↓	↓	209	21	•	•		•
Levoit Core 400S RED	64	\$219	↑	↑	↓	↑	↓	↓	↑	129	10	•	•		•
Carrier RMAP-ST	64	\$415	-	-	↓	↑	↓	↓	↑	118	21	•	•	App	•
Sharp FXJ80UW	64	\$604	↑	↓	↓	↑	↓	↓	↑	131	24	•	•	App	•
Coway Airmega 300	63	\$550	↑	↑	↓	↑	↑	↓	↑	111	21	•	•		•
Winix T810	62	\$200	↑	↑	↓	↑	↓	↓	↑	111	10	•	•	App	•
Honeywell HPA300	62	\$250	↑	↓	↓	↑	↓	↓	↑	204	18	•	•		•
LivePure Bali LP550TH-W	61	\$310	-	-	↓	↑	↑	↓	↑	284	26	•	•		•
Insignia NS-APMWH2	60	\$200	-	-	↓	↑	↓	↓	↑	149	11	•	•		•
Winix 5300-2	60	\$165	↑	↑	↓	↑	↑	↑	↑	126	16	•	•		•
Levoit Vital 200S	59	\$200	↑	↑	↓	↑	↑	↓	↑	99	13	•	•	App	•
LG PuriCare 360° AS560DWRO	59	\$1,300	-	-	↓	↑	↓	↓	↓	159	41	•	•	•	•
Samsung BESPOKE Cube	58	\$530	-	-	↓	↑	↑	↓	↓	306	27	•	•	App	•
GermGuardian AC9600W	58	\$400	↓	↓	↓	↑	↑	↓	↑	191	18	•	•		•
Coway AP-1512HH Mighty	57	\$200	↑	↑	↓	↑	↑	↓	↑	91	13	•	•		•
Honeywell HPA5200B	57	\$250	↑	↓	↓	↑	↓	↓	↑	268	17	•	•		•
Coway Airmega 200M	57	\$240	↑	↑	↓	↑	↑	↓	↑	113	13	•	•		•



**AIR PURIFIERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features				
			Predicted reliability	Owner satisfaction	Dust, pollen, smoke removal (low)	Dust, pollen, smoke removal (high)	Noise (low speed)	Noise (high speed)	Ease of use	Annual cost (\$)	Weight (lb.)	Energy Star	Filter-life indicator	Remote control
<b>LARGE ROOM (350 TO 650 SQ. FT.)</b> <i>Continued</i>														
Aspen ASPA-400	57	\$200	-	-	↓	↑	↓	↓	↑	123	14		App	
Brondeff O2+ Revive	57	\$430	-	-	↓	↑	↑	↓	↑	255	20			
<b>MEDIUM ROOM (150 TO 350 SQ. FT.)</b>														
✓ Samsung Bluesky AX26BG3100GG/AA	79	\$350	-	-	↑	↑	↓	↓	↑	129	16		App	
✓ GermGuardian AC5900WCA	77	\$230	↓	↓	↑	↑	↓	↓	↑	236	14			
✓ Honeywell AirGenius 5 HFD-320	77	\$240	↑	↓	↑	↑	↑	↓	↑	83	13			
✓ Clorox 11011	74	\$170	-	-	↑	↑	↓	↓	↑	82	10		App	
✓ HoMedics AP-T200	72	\$250	↓	↓	↑	↑	↓	↓	↑	104	7		App	
✓ Honeywell HPA250B	72	\$245	↑	↓	↓	↑	↓	↓	↑	158	14			
✓ Bissell air320	72	\$330	↑	↓	↓	↑	↓	↓	↑	93	19			
✓ Honeywell Air Genius 4 HFD310	72	\$205	↑	↓	↑	↑	↑	↓	↑	85	13			
✓ Alen BreatheSmart 45i Pure + Oak	70	\$430	↓	↑	↓	↑	↑	↓	↑	122	16		App	
✓ Fellowes AeraMax DX95	69	\$300	-	-	↓	↑	↓	↓	↑	185	14			
✓ Dyson Big + Quiet - BP03	69	\$1,000	↓	↓	↑	↑	↓	↓	↑	105	26			
✓ Blueair Blue Pure 411i Max	66	\$150	↑	↑	↓	↑	↑	↓	↑	52	7		App	
✓ Blueair Blue Pure 511	66	\$100	↑	↑	↓	↑	↑	↓	↑	57	4			
✓ Ikea STARKVIND	65	\$180	-	-	↓	↑	↑	↓	↑	53	12			
Febreze FHT190W	64	\$90	-	-	↓	↑	↓	↓	↑	96	9			
Toshiba CAF-W36USW	64	\$91	-	-	↓	↑	↓	↓	↑	115	12			
Eureka NEA120	64	\$90	-	-	↓	↑	↓	↓	↑	101	13			
3M Filtrete FAP-C03-A2 (Lowe's)	63	\$160	↓	↓	↓	↑	↑	↓	↑	112	14			
Levoit Pet Care Core P350-RAC	61	\$120	↑	↑	↓	↓	↑	↓	↑	97	7			
3M Filtrete FAP-T02WA-G1	61	\$134	↓	↓	↓	↑	↓	↓	↑	262	14			
Levoit Core 300	61	\$100	↑	↑	↓	↑	↑	↓	↑	98	7			
LG PuriCare 360° AS330DWRO	60	\$700	-	-	↓	↑	↓	↓	↓	151	25			
Danby DAP143BAB-UV	60	\$150	-	-	↓	↑	↓	↓	↑	82	13			
Holmes Allergen Remover	59	\$180	↑	↓	↓	↑	↑	↓	↑	100	8			
Black+Decker BAPUV150	59	\$350	-	-	↓	↑	↓	↓	↑	237	20			
GermGuardian AC151	59	\$100	↓	↓	↓	↑	↓	↓	↑	111	8			





**AIR PURIFIERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features					
			Predicted reliability	Owner satisfaction	Dust, pollen, smoke removal (low)	Dust, pollen, smoke removal (high)	Noise (low speed)	Noise (high speed)	Ease of use	Annual cost (\$)	Weight (lb.)	Energy Star	Filter-life indicator	Remote control	Auto fan speed
<b>MEDIUM ROOM (150 TO 350 SQ. FT.)</b> <i>Continued</i>															
Therapure TPP240	59	\$135	↑	↓	↓	↑	↑	↓	↑	70	10	•	•		
Whirlpool WPT80B	58	\$105	↑	↓	↓	↑	↓	↑	↑	240	9	•	•		
Toshiba CAF-Z45US(W)	58	\$100	-	-	↓	↑	↑	↓	↑	214	8	•	•	•	
HoMedics TotalClean AP-T40	58	\$250	↓	↓	↓	↑	↓	↓	↓	151	11	•	•	•	
GermGuardian AC3000W	58	\$108	↓	↓	↓	↑	↓	↓	↑	123	7	•	•	•	
<b>SMALL ROOM (150 SQ. FT. OR LESS)</b>															
✓ GermGuardian CDAP4500BCA	85	\$180	↓	↓	↑	↑	↑	↓	↑	142	10	•	•	App •	
✓ Coway Airmega Aim	80	\$150	↑	↑	↑	↑	↓	↓	↑	72	7	•	•	•	
✓ Lasko FF305	77	\$60	↑	↓	↑	↑	↓	↓	↑	222	9				
✓ Lasko LP200	76	\$60	↑	↓	↑	↑	↓	↑	↑	59	8	•	•		
✓ Midea MSF42B9ASV	74	\$250	-	-	↑	↑	↓	↓	↑	83	15		•	•	
✓ Dreo MC710S	72	\$299	-	-	↑	↑	↓	↓	↑	95	18		•	•	
✓ Ikea FORNUFTIG	72	\$70	-	-	↑	↑	↓	↓	↑	32	6		•		
✓ Honeywell HPA080B Insight	71	\$90	↑	↓	↑	↑	↓	↓	↑	128	8	•	•	•	
✓ Philips 800 Series	69	\$140	-	-	↓	↑	↑	↓	↑	49	6	NA	•	App •	
✓ Bionaire BAP9260W	67	\$70	↓	↓	↑	↑	↓	↓	↑	48	2	•	•		
✓ Dirt Devil WD10100V	65	\$80	-	-	↓	↑	↑	↓	↑	109	3		•		
✓ Arm & Hammer AH510W	65	\$100	-	-	↑	↑	↓	↓	↑	55	3		•		
Hunter HP450UV BLS	61	\$130	↑	↓	↓	↑	↑	↓	↑	131	6		•		
Pure Enrichment Zone Halo	60	\$100	↑	↑	↓	↑	↑	↓	↑	50	5		•		
Black+Decker BAPT02	60	\$77	-	-	↓	↑	↑	↓	↑	129	5	•	•	•	

> Digital and All Access members can find the latest, complete ratings at [CR.org/air-purifiers](https://www.crisp.com/air-purifiers).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from CR's 2022 and 2023 Summer Quarterly

Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the air purifier they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (-), the model gets the weighted category average scores for reliability and satisfaction. Dust/pollen/smoke

removal (high) indicates how well it removes particles at its highest speed. Dust/pollen/smoke removal (low) evaluates its ability to remove particles at a lower speed (selected based on noise levels). Noise is measured using a decibel meter from 4 feet away at both high and low speeds. Ease of use reflects how intuitive and easy the

controls are to use, carrying ease, the ability to remove the filter, and filter life indicator. Annual cost includes filter replacements and the energy required to run the purifier 24 hours a day for an entire year. Price is approximate retail.



# Clothes Dryers

Electric dryers are bigger sellers than gas models, though decades of testing has revealed that both types perform similarly. Whichever fuel you use, keep in mind that larger capacities let you dry more in one load.

### What to Look For

- Moisture sensors detect the laundry's dampness and shut off the appliance when clothes are dry, cutting down on energy costs. This is easier on fabrics, too.
- Auto-dry cycles provide settings from "less dry" to "more dry" for damp ironing, and points in between.

- An extended-tumble setting without heat helps prevent wrinkles when you can't remove the load immediately.

### What to Skip

- Specialty cycles up the price. A choice of heat level, timed dry, and auto-dry, along with a few options for different fabric types, should do.

### What You'll Pay

- Prices vary from \$350 to \$2,000, depending on type, capacity, and features. Gas dryers cost roughly \$50 to \$150 more than comparable electric models, but the likely savings in fuel costs should more than make up for the difference.

### BUYING ADVICE

If you intend to install the dryer near a bedroom, look for one with high scores in our tests for noise.

For more buying advice, go to [CR.org/dryers](https://www.crguide.org/dryers).

Brand + Model	Overall Score	Price	Survey Results		Test Results			Features					
			Predicted reliability	Owner satisfaction	Drying performance	Convenience	Noise	Claimed capacity (cu. ft.)	Stackable	Dimensions (in.)	Energy star	Moisture sensor	End-of-cycle signal
<b>ELECTRIC DRYERS</b>													
✓ LG DLEX4500B	88	\$1,485	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 31	•	•	•
✓ LG DLEX7900BE	87	\$1,350	↑	↑	↑	↑	↑	7.3	•	44 x 27 x 30	•	•	•
✓ LG DLEX8600BE	85	\$1,300	↑	↑	↑	↓	↑	7.3	•	43 x 27 x 30	•	•	•
✓ LG DLEX6700B	85	\$1,650	↑	↑	↑	↓	↑	7.4	•	39 x 27 x 30	•	•	•
✓ LG DLEX6500W	85	\$1,300	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
LG DLE3600W	84	\$795	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
LG DLEX5500W	84	\$1,200	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
LG DLE7400WE	84	\$850	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 30	•	•	•
LG DLE3470W	84	\$1,000	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
LG Signature DLEX9500K	84	\$1,975	↑	↑	↑	↑	↑	9.0	•	41 x 29 x 33	•	•	•
LG DLE6100W	82	\$750	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 30	•	•	•
LG DLEX8900B	81	\$1,100	↑	↑	↑	↑	↑	9.0	•	41 x 29 x 33	•	•	•
LG DLE7000W	81	\$630	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 30	•	•	•



**CLOTHES DRYERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results			Features					
			Predicted reliability	Owner satisfaction	Drying performance	Convenience	Noise	Claimed capacity (cu. ft.)	Stackable	Dimensions (in.)	Energy star	Moisture sensor	End-of-cycle signal
<b>ELECTRIC DRYERS</b> <i>Continued</i>													
LG DLE7150W	80	\$700	↑	↑	↑	↓	↓	7.3		45 x 27 x 29	•	•	•
Samsung DVE50A8600E	78	\$1,245	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 30	•	•	•
Samsung FlexDryer DVE60A9900V	77	\$1,400	↓	↓	↑	↑	↑	7.5		47 x 27 x 32	•	•	•
GE GTD84ECSNWS	76	\$955	↓	↓	↑	↑	↑	7.4		46 x 27 x 31	•	•	•
GE GFD85ESPNS	75	\$1,100	↓	↓	↑	↑	↑	7.8	•	40 x 28 x 32	•	•	•
Amana NED5800HW	75	\$740	↑	↓	↑	↓	↑	7.4	•	39 x 27 x 30	•	•	•
Samsung DVE45T6000W	75	\$700	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 30		•	•
GE GTD72EBSNWS	75	\$790	↓	↓	↑	↑	↑	7.4		44 x 27 x 31	•	•	•
Samsung DVE50A8500V	74	\$1,235	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 32	•	•	•
Insignia NS-TDRE75W1	74	\$590	—	—	↑	↑	↑	7.5		46 x 27 x 32		•	•
Samsung DVE45B6300W	74	\$745	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 31		•	•
Whirlpool WED9620HC	74	\$1,515	↑	↓	↑	↑	↑	7.4	•	38 x 27 x 32	•	•	•
Samsung DVE55CG7100W	73	\$1,000	↓	↓	↑	↓	↑	7.4		46 x 27 x 30	•	•	•
Samsung DVE55A7300E	73	\$1,080	↓	↓	↑	↓	↓	7.4		46 x 27 x 30	•	•	•
Samsung DVE54CG7150W	73	\$800	↓	↓	↑	↓	↑	7.4		46 x 27 x 30		•	•
Maytag MED8630HC	73	\$1,370	↑	↓	↑	↑	↑	7.3	•	39 x 27 x 31	•	•	•
Whirlpool WED6605MW	73	\$900	↑	↓	↑	↓	↑	7.4	•	39 x 27 x 31	•	•	•
Samsung DVE51CG8000W	73	\$750	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 30	•	•	•
Midea MLE45N1BWW	73	\$750	—	—	↑	↓	↑	7.5		46 x 27 x 33		•	•
GE Profile PTD70EBSTWS	73	\$805	↓	↓	↑	↑	↓	7.4		44 x 27 x 31		•	•
Samsung DVE46BG6500V	73	\$1,170	↓	↓	↑	↓	↑	7.5	•	39 x 27 x 31	•	•	•
GE Profile PFD95ESPTDS	72	\$1,300	↓	↓	↑	↑	↓	7.8	•	40 x 28 x 31	•	•	•
Samsung Bespoke DVE53BB8900T	72	\$1,100	↓	↓	↑	↓	↑	7.6	•	39 x 27 x 32	•	•	•
Samsung DVE50R5400W	71	\$500	↓	↓	↑	↑	↓	7.4		45 x 27 x 31		•	•
Samsung DVE47CG3500W	71	\$810	↓	↓	↑	↓	↑	7.4		45 x 27 x 30		•	•
Samsung DVE45T3400V	71	\$610	↓	↓	↑	↓	↓	7.4		44 x 27 x 29		•	•
Whirlpool WED5000DW	71	\$490	↑	↓	↑	↑	↓	7.0		43 x 29 x 27		•	•
GE Profile PTD60EBSRWS	71	\$700	↓	↓	↑	↓	↓	7.4		44 x 27 x 31		•	•
Insignia NS-TDRE67W1	71	\$425	—	—	↑	↓	↑	6.7		42 x 27 x 30		•	•
Midea MLE45N1AWW	70	\$775	—	—	↑	↑	↑	8.0	•	40 x 27 x 34	•	•	•
Whirlpool WED7120HW	70	\$1,030	↑	↓	↑	↑	↑	7.4		43 x 27 x 30	•	•	•



**CLOTHES DRYERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results			Features					
			Predicted reliability	Owner satisfaction	Drying performance	Convenience	Noise	Claimed capacity (cu. ft.)	Stackable	Dimensions (in.)	Energy star	Moisture sensor	End-of-cycle signal
<b>ELECTRIC DRYERS</b> <i>Continued</i>													
Whirlpool WED5605MW	70	\$800	↑	↓	↑	↓	↑	7.4	●	38 x 27 x 31	●	●	●
Samsung DVE50B5100V	70	\$900	↓	↓	↑	↓	↓	7.4		46 x 27 x 31		●	●
Samsung DVE52A5500W	70	\$845	↓	↓	↑	↓	↓	7.4		45 x 27 x 30		●	●
Electrolux ELFE7637BT	70	\$1,120	↓	↓	↑	↓	↑	8.0	●	38 x 27 x 32	●	●	●
Electrolux ELFE7537AW	70	\$895	↓	↓	↑	↓	↑	8.0	●	38 x 27 x 32	●	●	●
GE GTD58EBSVWS	70	\$850	↓	↓	↑	↓	↓	7.4		44 x 27 x 30		●	●
Speed Queen DF7004WE	70	\$2,200	↑	↑	↑	↓	↓	7.0		41 x 27 x 29	●	●	●
Maytag MEDC465HW	70	\$530	↑	↓	↑	↑	↓	7.0		43 x 29 x 28		●	●
Samsung DV40J3000EW	70	\$450	↓	↓	↑	↓	↓	7.2		44 x 27 x 30		●	●
Electrolux ELFE7437AW	70	\$970	↓	↓	↑	↓	↑	8.0	●	38 x 27 x 32	●	●	●
Midea MLE41N1AWW	70	\$650	—	—	↑	↓	↓	6.7		44 x 27 x 30		●	●
Maytag Commercial MEDP576KW	69	\$1,100	↑	↓	↑	↓	↓	7.4		42 x 27 x 30		●	●
Samsung DVE45T3200W	69	\$850	↓	↓	↑	↓	↑	7.2		44 x 27 x 30		●	●
Frigidaire FFRE4120SW	69	\$675	↓	↓	↑	↓	↓	6.7		43 x 27 x 29		●	●
Whirlpool WED6620HW	67	\$1,045	↑	↓	↑	↑	↓	7.4	●	39 x 27 x 31	●	●	●
GE Profile PTD90EBPTRS	67	\$920	↓	↓	↑	↑	↓	7.3		44 x 27 x 31	●	●	●
Whirlpool WED5100HW	67	\$800	↑	↓	↑	↑	↓	7.4		41 x 27 x 30		●	●
Electrolux EFDE317TIW	66	\$950	↓	↓	↑	↓	↑	8.0	●	38 x 27 x 31	●	●	●
Samsung DVE41A3000W	66	\$450	↓	↓	↑	↓	↓	7.2		44 x 27 x 30		●	●
Whirlpool WED8127LC	66	\$1,050	↑	↓	↓	↓	↑	7.4		43 x 27 x 30	●	●	●
Maytag MED6500MBK	65	\$1,000	↑	↓	↑	↓	↓	7.0		41 x 29 x 29		●	●
Insignia NS-FDRE67WH8A	65	\$515	—	—	↑	↓	↓	6.7		43 x 27 x 31		●	●
Midea MLE45N3BWW	65	\$530	—	—	↓	↑	↑	7.5		46 x 27 x 32		●	●
Kenmore 61112	64	\$480	↓	↓	↑	↑	↓	7.4		41 x 27 x 30		●	●
Whirlpool WED5010LW	64	\$630	↑	↓	↓	↑	↓	7.0		41 x 29 x 28		●	●
Maytag MED6200KW	63	\$680	↑	↓	↑	↑	↓	7.0		42 x 29 x 29		●	●
Whirlpool WED5050LW	63	\$700	↑	↓	↓	↑	↓	7.0		41 x 29 x 28		●	●
Kenmore 62332	62	\$700	↓	↓	↑	↓	↓	7.0		44 x 29 x 27			●
Midea MLE52S7AGS	62	\$1,100	—	—	↑	↓	↓	8.0	●	40 x 27 x 34		●	●
Whirlpool WED500RLW	62	\$900	↑	↓	↓	↑	↓	7.0		41 x 29 x 29		●	●
GE GTD45EASJWS	61	\$720	↓	↓	↓	↓	↓	7.2		43 x 27 x 30		●	●



**CLOTHES DRYERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results			Features					
			Predicted reliability	Owner satisfaction	Drying performance	Convenience	Noise	Claimed capacity (cu. ft.)	Stackable	Dimensions (in.)	Energy star	Moisture sensor	End-of-cycle signal
<b>GAS DRYERS</b>													
✓ LG DLGX5501W	85	\$1,300	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
✓ LG DLG7401WE	84	\$1,150	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 30	•	•	•
✓ LG DLG3471W	84	\$1,100	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
✓ LG DLGX6501W	84	\$1,400	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
💰 LG DLG3601W	83	\$900	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 30	•	•	•
✓ LG DLG8401WE	83	\$1,100	↑	↑	↑	↑	↑	7.3	•	43 x 27 x 30	•	•	•
✓ LG DLGX7901BE	83	\$1,175	↑	↑	↑	↑	↑	7.3	•	44 x 27 x 30	•	•	•
✓ LG DLGX6701B	83	\$1,455	↑	↑	↑	↓	↑	7.4	•	39 x 27 x 30	•	•	•
💰 LG DLG7151W	82	\$800	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 29	•	•	•
✓ LG Signature DLGX9501K	82	\$2,075	↑	↑	↑	↑	↑	9.0	•	41 x 29 x 33	•	•	•
💰 LG DLG6101W	82	\$850	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 30	•	•	•
✓ LG DLGX8901B	82	\$1,200	↑	↑	↑	↑	↑	9.0	•	41 x 29 x 33	•	•	•
💰 LG DLG7001W	81	\$730	↑	↑	↑	↓	↑	7.3	•	45 x 27 x 30	•	•	•
Samsung DVG50A8500V	78	\$1,330	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 32	•	•	•
Samsung FlexDryer DVG60A9900V	78	\$1,500	↓	↓	↑	↑	↑	7.5	•	47 x 27 x 32	•	•	•
Samsung DVG50A8600E	78	\$1,360	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 30	•	•	•
LG DLGX4501B	78	\$1,390	↑	↑	↑	↑	↑	7.4	•	39 x 27 x 31	•	•	•
GE GFD85GSPNRS	76	\$1,200	↓	↓	↑	↑	↑	7.8	•	40 x 28 x 32	•	•	•
Samsung DVG51CG8000W	75	\$850	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 30	•	•	•
Samsung DVG55A7300E	75	\$1,170	↓	↓	↑	↓	↓	7.4	•	46 x 27 x 30	•	•	•
Samsung DVG45T6000W	74	\$800	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 31	•	•	•
GE Profile PFD95GSPTDS	74	\$1,440	↓	↓	↑	↑	↑	7.8	•	40 x 28 x 31	•	•	•
Samsung Bespoke DVG53BB8900T	74	\$1,200	↓	↓	↑	↓	↑	7.6	•	39 x 27 x 32	•	•	•
Samsung Bespoke DVG53BB8700TA	74	\$1,100	↓	↓	↑	↑	↑	7.6	•	39 x 27 x 31	•	•	•
Samsung DVG45B6300W	74	\$865	↓	↓	↑	↑	↑	7.5	•	39 x 27 x 31	•	•	•
Speed Queen DF7004WG	74	\$2,400	↑	↑	↑	↓	↓	7.0	•	41 x 27 x 29	•	•	•
Samsung DVG46BG6500V	73	\$1,260	↓	↓	↑	↓	↑	7.5	•	39 x 27 x 31	•	•	•
Insignia NS-TDRG75W1	73	\$690	—	—	↑	↑	↑	7.5	•	46 x 27 x 32	•	•	•
Speed Queen DR7004BG	73	\$1,630	↑	↑	↓	↓	↑	7.0	•	44 x 27 x 29	•	•	•
Samsung DVG54CG7150W	71	\$900	↓	↓	↑	↓	↑	7.4	•	46 x 27 x 30	•	•	•



**CLOTHES DRYERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results			Features					
			Predicted reliability	Owner satisfaction	Drying performance	Convenience	Noise	Claimed capacity (cu. ft.)	Stackable	Dimensions (in.)	Energy star	Moisture sensor	End-of-cycle signal
<b>GAS DRYERS</b> <i>Continued</i>													
Maytag MGD576KW	71	\$1,090	↑	↓	↑	↓	↓	7.4		42 x 27 x 30		•	•
Insignia NS-TDRG67W1	71	\$525	—	—	↑	↓	↑	6.7		42 x 27 x 30		•	•
Samsung DVG50B5100V	70	\$970	↓	↓	↑	↓	↓	7.4		46 x 27 x 31		•	•
Whirlpool WGD5100HW	70	\$900	↓	↓	↑	↑	↓	7.4		41 x 27 x 30		•	•
Samsung DVG52A5500W	70	\$925	↓	↓	↑	↓	↓	7.4		45 x 27 x 30		•	•
GE Profile PTD60GBSRWS	70	\$800	↓	↓	↑	↓	↓	7.4		44 x 27 x 31		•	•
Samsung DVG47CG3500W	70	\$900	↓	↓	↑	↓	↑	7.4		45 x 27 x 30		•	•
Element ETDG6727CW	69	\$520	—	—	↑	↓	↑	6.7		42 x 27 x 29		•	•
GE Profile PTD70GBSTWS	69	\$910	↓	↓	↑	↑	↓	7.4		44 x 27 x 31		•	•
Midea MLG45N1AWW	68	\$750	—	—	↑	↑	↑	8.0	•	40 x 27 x 34	•	•	•
Samsung DVG41A3000W	67	\$715	↓	↓	↑	↓	↓	7.2		44 x 27 x 30		•	•
Whirlpool WGD6605MW	67	\$950	↓	↓	↓	↓	↑	7.4	•	39 x 27 x 31	•	•	•
Electrolux ELFG7537AW	67	\$1,010	↓	↓	↑	↓	↑	8.0	•	38 x 27 x 32	•	•	•
Midea MLG41N1AWW	67	\$750	—	—	↑	↓	↓	6.7		44 x 27 x 30		•	•
Maytag MGD6500MBK	66	\$1,100	↑	↓	↑	↓	↓	7.0		41 x 29 x 29		•	•
Kenmore 71112	66	\$550	↓	↓	↑	↑	↓	7.4		41 x 27 x 30		•	•
Whirlpool WGD6620HW	65	\$1,120	↓	↓	↓	↑	↑	7.4	•	39 x 27 x 31	•	•	•
Whirlpool WGD8127LC	65	\$1,150	↓	↓	↓	↓	↑	7.4		43 x 27 x 30	•	•	•
Electrolux ELFG7637AT	65	\$1,220	↓	↓	↓	↓	↑	8.0	•	38 x 27 x 32	•	•	•
Electrolux ELFG7437AW	64	\$1,090	↓	↓	↓	↓	↑	8.0	•	38 x 27 x 32	•	•	•
Whirlpool WGD5010LW	64	\$730	↓	↓	↓	↑	↓	7.0		41 x 29 x 28		•	•
Samsung DVG45T3400V	63	\$710	↓	↓	↑	↓	↓	7.4		44 x 27 x 29		•	•
GE GTD45GASJWS	63	\$735	↓	↓	↑	↓	↓	7.2		43 x 27 x 30		•	•

> Digital and All Access members can find the latest, complete ratings at [CR.org/dryers](https://CR.org/dryers).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from

CR's 2021, 2022, and 2023 Fall Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the clothes dryer they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (—) the model gets the

weighted category average scores for reliability and satisfaction. Drying performance combines performance on three types of laundry loads of different sizes and fabric mixes: A 12-lb. load, predominantly cotton; an 8-lb. load of cotton/polyester-blend clothing; and a 3-lb. load of synthetic delicates, such as

women's pajamas, slips, and underwear. Convenience is judged on controls and ergonomics, such as ease of loading and unloading and servicing the lint filter. Noise level is determined by a panel of judges who listen while the machines dry an 8-pound load, judging both sound quality and volume. Price is approximate retail.



# Cooktops

Cooktops can be installed wherever counter space allows—including on a kitchen island. Gas and conventional electric smoothtops dominate the category, but prices have dropped for the induction models.



### What to Look For

- All the models we test have at least one high-powered gas burner or electric element, necessary for quickly heating large quantities.
- If you have a choice in fuel and want the visual feedback of a flame, a gas cooktop might be right for you; on

the other hand, a smoothtop electric makes for easier cleanup because you can wipe the surface without removing any grates.

- Induction speeds heating, thanks to an electromagnetic field that directly heats pans.

### What to Skip

- Don't overemphasize Btus.

Short for "British thermal unit," the measurement indicates gas used and heat generated—and doesn't guarantee faster cooking.

### What You'll Pay

- A cooktop and wall oven can cost \$2,000 or more; some top-rated ranges sell for less than half that.

### BUYING ADVICE

Many 30-inch cooktops now have five burners, rather than four, but know that using all five at once often requires some maneuvering or using smaller pots or pans.

For more buying advice, go to [CR.org/cooktops](https://www.cr.org/cooktops).

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features			
			Predicted reliability	Owner satisfaction	High heat	Low heat	High-power burners	Medium-power burners	Low-power burners	Continuous grates
<b>36-INCH GAS COOKTOPS</b>										
✓ LG Studio CBGS3628S	89	\$1,730	↑	↓	↑	↑	2	2	1	•
✓ Samsung NA36N7755TG	89	\$1,450	↑	↑	↑	↑	2	2	1	•
Ⓢ LG CBGJ3623S	84	\$750	↑	↓	↑	↑	2	2	1	•
✓ Monogram ZGU36RSLSS	82	\$2,500	↓	↓	↑	↑	2	3	0	•
✓ Signature Kitchen Suite UPG3654ST	80	\$1,500	↑	↓	↑	↑	2	2	1	•
✓ Thermador Masterpiece Star SGSX365TS	80	\$2,400	↓	↑	↑	↑	3	2	0	•
✓ Viking 5 Series VGSU53616BSS	80	\$3,090	↓	↓	↑	↑	3	2	1	•
<b>30-INCH GAS COOKTOPS</b>										
✓ Samsung NA30N7755TG	89	\$1,350	↑	↑	↑	↑	2	2	1	•
✓ Samsung NA30N6555TS	86	\$1,200	↑	↑	↑	↑	2	2	1	•
Ⓢ LG CBGJ3023S	84	\$700	↑	↓	↑	↑	2	2	1	•
Ⓢ LG CBGJ3027S	84	\$1,000	↑	↓	↑	↑	2	2	1	•
✓ Monogram ZGU30RSLSS	82	\$2,400	↓	↓	↑	↑	2	3	0	•



**COOKTOPS**

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features			
			Predicted reliability	Owner satisfaction	High heat	Low heat	High-power burners	Medium-power burners	Low-power burners	Continuous grates

**30-INCH GAS COOKTOPS** *Continued*

✓ Thermador Masterpiece Star SGSX305TS	80	\$2,200	↓	↑	↓	↑	1	4	0	•
✓ Wolf Professional CG304P/S	77	\$2,140	↓	↑	↑	↑	2	2	0	•
✓ GE Profile PGP7030SLSS	76	\$1,200	↑	↓	↑	↑	2	2	1	•
✓ Café CGP70302NS1	76	\$1,430	↓	↓	↑	↑	2	2	1	•
✓ Samsung NA30R5310FS	75	\$650	↑	↑	↓	↑	2	1	1	•
✓ Viking 3 Series RVGC33015BSS	75	\$2,090	↓	↓	↓	↑	2	2	1	•
✓ GE Profile PGP9030SLSS	74	\$1,430	↑	↓	↓	↑	2	2	1	•

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features				
			Predicted reliability	Owner satisfaction	High heat	Low heat	High-power elements	Medium-power elements	Low-power elements	Expandable elements	Touch controls

**36-INCH SMOOTHTOP COOKTOPS**

✓ KitchenAid KCED606GBL	89	\$2,230	↑	↓	↑	↑	2	1	2	•	•
Ⓢ LG LCE3610SB	88	\$900	↑	↓	↑	↑	2	1	1	•	•
✓ Samsung NZ36K7570RG	86	\$1,840	↓	↓	↑	↑	2	2	1	•	•
GE JP5036DJBB	80	\$945	↑	↓	↑	↑	2	1	2	•	•
Whirlpool WCE55US6HB	77	\$990	↑	↓	↑	↑	2	0	2	•	•

**30-INCH SMOOTHTOP COOKTOPS**

✓ KitchenAid KCED600GSS	89	\$2,500	↑	↓	↑	↑	2	0	2	•	•
✓ LG LCE3010SB	88	\$800	↑	↓	↑	↑	1	2	1	•	•
✓ Frigidaire Gallery FGEC3068UB	88	\$985	↑	↓	↑	↑	1	2	2	•	•
✓ KitchenAid KCES550HBL	88	\$1,250	↑	↓	↑	↑	2	1	2	•	•
✓ Café CEP90302NSS	87	\$1,795	↑	↓	↑	↑	2	2	1	•	•
✓ Monogram ZEU30RSJSS	86	\$2,000	↑	↓	↑	↑	2	2	1	•	•
✓ Samsung NZ30K7570RG	86	\$1,755	↓	↓	↑	↑	1	3	1	•	•
✓ Sharp SCR3041GB	86	\$800	-	-	↑	↑	1	2	1	•	•
✓ Thermador Masterpiece CET305YB	84	\$1,950	↑	↑	↑	↑	1	2	1	•	•
Miele KM 5624	80	\$2,100	↓	↑	↑	↑	1	2	1	•	•



COOKTOPS

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features				
			Predicted reliability	Owner satisfaction	High heat	Low heat	High-power elements	Medium-power elements	Low-power elements	Expandable elements	Touch controls

30-INCH SMOOTHTOP COOKTOPS *Continued*

Maytag MEC8830HB	78	\$1,075	↑	↓	↑	↑	1	2	1	•	•
Wolf Contemporary CE304C/B	78	\$2,405	-	-	↑	↑	2	0	2	•	•
Frigidaire FFEC3025UB	77	\$600	↑	↓	↑	↑	2	0	2	•	•
GE JEP5030DTBB	76	\$900	↑	↓	↑	↑	2	2	1	•	•
Ikea Neddragen 004.620.58	74	\$490	-	-	↑	↑	2	0	2	•	•

36-INCH INDUCTION COOKTOPS

✓ LG Studio CBIS3618BE	95	\$2,805	-	-	↑	↑	4	1	0	NA	•
✓ GE Profile PHP9036DJBB	94	\$1,925	↓	↑	↑	↑	4	1	0	NA	•
✓ Frigidaire Professional FPIC3677RF	94	\$1,375	↑	↑	↑	↑	4	1	0	NA	•
✓ Monogram ZHU36RSTSS	94	\$3,500	↓	↑	↑	↑	4	1	0	NA	•
Dacor Transitional DTI36P876BB	90	\$2,900	↓	↓	↑	↑	3	1	0	NA	•
Samsung NZ36K7880UG	90	\$2,115	↓	↓	↑	↑	4	1	0	NA	•

30-INCH INDUCTION COOKTOPS

✓ Bosch 800 Series NIT8060UC	99	\$2,350	↑	↑	↑	↑	4	0	0	NA	•
✓ Thermador Freedom CIT30YWBB	94	\$5,300	↓	↑	↑	↑	1	0	0	NA	•
✓ GE Profile PHP9030DJBB	94	\$2,220	↓	↑	↑	↑	3	1	0	NA	•
✓ Miele KM 7730 FR	94	\$2,500	↓	↑	↑	↑	4	0	0	NA	•
✓ Frigidaire Gallery FGIC3066TB	93	\$1,000	↑	↑	↑	↑	3	1	0	NA	•
✓ Electrolux ECCI3068AS	92	\$1,800	↓	↑	↑	↑	4	0	0	NA	•
✓ Viking Virtuoso 6 Series MVIC6304BBG	92	\$3,710	-	-	↑	↑	3	1	0	NA	•
Dacor Transitional DTI30P876BB	90	\$2,500	↓	↓	↑	↑	3	1	0	NA	•
Samsung NZ30K7880UG	90	\$2,210	↓	↓	↑	↑	3	1	0	NA	•
Samsung NZ30A3060UK	89	\$1,000	↓	↓	↑	↑	3	1	0	NA	•
Whirlpool WCI55US0JB	80	\$1,675	↑	↓	↑	↑	2	2	0	NA	•

> Digital and All Access members can find the latest, complete ratings at [CR.org/cooktops](https://www.crisp.org/cooktops).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the

first five years. Findings are from CR's 2021, 2022, and 2023 Spring Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the cooktop they bought. In cases where we have insufficient survey data to provide

a brand-level rating, indicated by a gray dash (-), the model gets the weighted category average scores for reliability and satisfaction. High heat reflects how quickly the highest-powered burner or element heats a large pot of water to near-boiling. Low heat reflects how well

the lowest-powered burner or element holds a low heat, and how the most powerful element, set to low, holds tomato sauce below a boil. Price is approximate retail.



# Dishwashers

New dishwashers use far less energy and water than they did a decade ago, and have a range of convenience features that make loading easier. Look for the Green Choice leaf symbol in our ratings to find the most efficient models in our tests.



### What to Look For

- Soil sensors gauge how dirty the load is and determine the right amount of time and water needed to get everything clean, improving efficiency.
- An adjustable upper rack allows for flexibility when loading dishes.
- A rinse and hold option can

help prevent soil from setting and keep odors under control while you wait for a full load.

### What to Skip

- Avoid drawer models (not included in the ratings below), which are more expensive and tend to use more energy and water than standard dishwasher models.

### What You'll Pay

■ A dishwasher with special wash zones, an LED-lit tub, digital displays, and special grime-fighting cycles can cost \$1,000 or more. For models with fewer features, sparkling performance starts at around \$600.

### BUYING ADVICE

Generally, the three basic wash cycles (light, normal, and heavy) suffice for most dishwashing needs, even for removing baked-on food.

For more buying advice, go to [CR.org/dishwashers](https://www.crguide.org/dishwashers).

Brand + Model	Overall Score	Price	Survey Results		Test Results				Features							
			Predicted reliability	Owner satisfaction	Washing	Drying	Energy use	Noise	Cycle time (min.)	Ample flatware slots	Adjustable upper rack	Adjustable times	Displays remaining time	Interior material	Self-cleaning filter	WiFi
<b>DISHWASHERS</b>																
✓ <b>Bosch</b> Benchmark SHP9PCM5N	81	\$1,620	↑	↑	↑	↑	↑	↑	150	•	•	•	•	SS		•
✓ <b>Bosch</b> 500 Series SHP65CM5N	79	\$1,150	↑	↑	↑	↓	↑	↑	150	•	•	•		SS		•
✓ <b>Bosch</b> 800 Series SHX78CM5N	79	\$1,350	↑	↑	↑	↑	↑	↑	155	•	•	•		SS		•
✓ <b>Bosch</b> 300 Series SHEM63W55N	79	\$1,000	↑	↑	↑	↓	↑	↑	155	•	•	•	•	SS		
💰 <b>Ikea</b> Essentiell 804.655.85	77	\$350	↑	↑	↑	↑	↑	↓	135		•	•	•	P	•	
✓ <b>Thermador</b> DWHD760CFP	74	\$2,000	↑	↑	↑	↑	↑	↑	160	•	•	•	•	SS		•
✓ <b>Bosch</b> 300 Series SHE53C85N	74	\$760	↑	↑	↑	↓	↑	↑	155	•	•	•		SS		•
✓ <b>Bosch</b> SHX78B75UC	73	\$1,215	↑	↑	↑	↓	↑	↑	160	•	•	•		SS		•
✓ <b>LG</b> LDFC2423V	73	\$450	↓	↓	↑	↓	↑	↑	150	•	•	•	•	SS		
<b>Bosch</b> 800 Series SHPM78Z55N	72	\$1,140	↑	↑	↑	↑	↑	↑	160	•	•	•		SS		
<b>KitchenAid</b> KDPM604KPS	72	\$1,000	↓	↓	↑	↑	↑	↑	145	•	•	•	•	SS	•	
<b>GE</b> GDT226SSLSS	72	\$600	↓	↓	↑	↓	↑	↓	125	•	•			SS		
<b>Miele</b> G7156SCVI	72	\$1,750	↑	↑	↑	↓	↑	↑	175	•	•	•		SS		



**DISHWASHERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results				Features							
			Predicted reliability	Owner satisfaction	Washing	Drying	Energy use	Noise	Cycle time (min.)	Ample flatware slots	Adjustable upper rack	Adjustable times	Displays remaining time	Interior material	Self-cleaning filter	WiFi
<b>Bosch</b> 100 Series SHX5AEM5N	72	\$800	↑	↑	↑	↑	↑	↑	165	•	•	•		SS and P		•
<b>LG</b> Studio SDWB24S3	72	\$1,210	↓	↓	↑	↑	↑	↑	155	•	•	•		SS		•
<b>Whirlpool</b> WDTA50SAKZ	72	\$600	↑	↓	↑	↓	↑	↑	150	•	•	•	•	SS		
<b>LG</b> Signature LUDP8908SN	71	\$1,400	↓	↓	↑	↑	↑	↑	150	•	•	•	•	SS		•
<b>Insignia</b> NS-DWR3SS1	71	\$435	—	—	↑	↑	↑	↑	140	•	•	•		SS		
<b>Beko</b> DUT25401X	70	\$550	↑	↓	↑	↑	↑	↓	155	•	•		•	SS		
<b>Bosch</b> 100 Series SHXM4AY55N	70	\$500	↑	↑	↑	↓	↑	↑	165		•	•		SS and P		
<b>Midea</b> MDT24H3AST	70	\$450	—	—	↑	↓	↑	↑	145	•	•	•	•	SS		
<b>Kenmore</b> 22-14605	69	\$800	↓	↓	↑	↓	↑	↑	135	•	•	•	•	SS		
<b>Samsung</b> DW80R7060UG	69	\$820	↓	↓	↑	↑	↑	↑	120	•	•	•	•	SS		
<b>LG</b> LDPH5554S	69	\$1,049	↓	↓	↑	↓	↑	↓	155	•	•	•	•	SS		•
<b>Miele</b> G7166SCVI	69	\$1,800	↑	↑	↑	↑	↑	↑	190	•	•	•		SS		
<b>Samsung</b> DW80CG5451SR	68	\$600	↓	↓	↑	↑	↑	↑	125	•	•			SS		•
<b>Maytag</b> MDB8959SKZ	68	\$800	↓	↓	↑	↓	↑	↑	145	•	•		•	SS	•	
<b>LG</b> LDFC353LS	68	\$830	↓	↓	↑	↓	↑	↓	150	•	•	•	•	SS		
<b>Miele</b> G7176SCVI	68	\$1,850	↑	↑	↑	↑	↑	↑	190	•	•	•		SS		•
<b>Whirlpool</b> WDT730PAHZ	68	\$550	↑	↓	↑	↓	↑	↓	160	•	•	•		SS and P		
<b>Maytag</b> MDB4949SKZ	67	\$550	↓	↓	↑	↑	↑	↓	135	•			•	SS	•	
<b>Samsung</b> DW80R9950US	67	\$900	↓	↓	↑	↑	↑	↑	130	•	•	•	•	SS		•
<b>Maytag</b> MDPS6124RZ	67	\$650	↓	↓	↑	↑	↑	↑	143	•	•			SS		
<b>Samsung</b> DW80R9950UG	67	\$950	↓	↓	↑	↑	↑	↑	130	•	•	•	•	SS		•
<b>Miele</b> G7106SCUSS	66	\$1,750	↑	↑	↑	↑	↑	↑	199	•	•	•	•	SS		
<b>LG</b> LDP6810BD	66	\$1,150	↓	↓	↑	↑	↑	↑	180	•	•	•	•	SS		
<b>KitchenAid</b> KDFE204KPS	66	\$800	↓	↓	↑	↓	↑	↑	150	•	•			SS		
<b>Miele</b> G5056SCVISF	65	\$1,485	↑	↑	↑	↓	↑	↑	195	•	•	•		SS		
<b>KitchenAid</b> KDTE104KPS	65	\$750	↓	↓	↑	↓	↑	↑	155	•	•			SS		
<b>Whirlpool</b> WDF330PAHS	65	\$600	↑	↓	↑	↓	↑	↓	115					P		
<b>Whirlpool</b> WDT550SAPZ	65	\$1,030	↑	↓	↑	↓	↑	↑	170	•	•	•	•	SS		
<b>KitchenAid</b> KDFE104KPS	65	\$1,050	↓	↓	↑	↓	↑	↑	155	•	•			SS		
<b>Whirlpool</b> WDF341PAPM	65	\$485	↑	↓	↑	↑	↑	↓	165					P		
<b>KitchenAid</b> KDTF924PPS	65	\$1,855	↓	↓	↑	↑	↑	↑	175	•	•	•	•	SS		



DISHWASHERS

Brand + Model	Overall Score	Price	Survey Results		Test Results				Features							
			Predicted reliability	Owner satisfaction	Washing	Drying	Energy use	Noise	Cycle time (min.)	Ample flatware slots	Adjustable upper rack	Adjustable times	Displays remaining time	Interior material	Self-cleaning filter	WiFi
Samsung DW80B7070US	64	\$700	↓	↓	↑	↑	↑	↑	165	•	•	•	•	SS		•
Whirlpool WDP730HAMZ	64	\$740	↑	↓	↑	↑	↑	↓	175	•	•	•		SS and P		
Hotpoint HDF330PGRWW	64	\$300	↑	↓	↑	↓	↑	↓	135					P		
Fisher & Paykel DW24UNT4X2	63	\$1,700	↓	↓	↑	↓	↑	↑	95	•	•	•		SS		•
Whirlpool WDP540HAMZ	63	\$450	↑	↓	↑	↑	↑	↓	175	•				SS and P		
Samsung DW80R5060US	63	\$900	↓	↓	↑	↑	↑	↑	130	•	•	•	•	SS	•	
GE Monogram ZDT985SSNSS	63	\$2,400	↓	↓	↑	↓	↑	↑	150	•	•	•		SS		
GE Profile PDP715SYVFS	62	\$730	↓	↓	↑	↓	↑	↑	150	•	•	•		SS		•
Samsung Bespoke DW80BB707012	62	\$800	↓	↓	↑	↑	↑	↑	170	•	•	•	•	SS		•
GE Profile PDT795SYVFS	61	\$1,305	↓	↓	↑	↓	↑	↑	170	•	•	•		SS		•
Kucht Professional K6502D	61	\$1,040	—	—	↑	↓	↑	↓	130	•	•	•		SS		
Bertazzoni DW24XT	61	\$1,295	—	—	↑	↓	↑	↓	130	•	•	•		SS		
LG LDTH7972S	61	\$1,000	↓	↓	↑	↓	↑	↑	160	•	•	•	•	SS		•
GE GDT550PYRFS	61	\$430	↓	↓	↑	↓	↑	↓	150	•	•	•	•	P		
KitchenAid KDTM704KPS	60	\$1,100	↓	↓	↑	↓	↑	↑	150	•	•	•		SS	•	
Ikea LAGAN 804.621.67	60	\$370	↑	↑	↑	↑	↑	↓	185					P	•	
Thor Kitchen HDW2401SS	60	\$955	—	—	↑	↓	↑	↓	130	•	•	•		SS		
Frigidaire FDPH4316AS	60	\$400	↓	↓	↑	↑	↑	↑	165	NA	•			P		
Sharp SDW6888JS	60	\$1,299	—	—	↑	↑	↑	↓	165	•	•	•		SS		•
Samsung DW80R2031US	60	\$550	↓	↓	↑	↑	↑	↓	175	•	•			SS		
Café CDT888P2VS1	59	\$1,799	↓	↓	↑	↓	↑	↑	165	•	•	•		SS		•
Café CDD420P2TS1	59	\$1,000	↓	↓	↓	↓	↑	↑	130	•	NA	•		P		
Frigidaire FFID2426TS	59	\$780	↓	↓	↑	↓	↑	↓	175					P	•	
Maytag MDTS4224PZ	59	\$635	↓	↓	↑	↑	↑	↓	195	•	•			SS and P		
Hisense HUI66360XCUS	59	\$630	—	—	↑	↓	↑	↑	175			•		SS		

> Digital and All Access members can find the latest, complete ratings at [CR.org/dishwashers](https://CR.org/dishwashers).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from CR's 2021, 2022, and 2023 Spring

Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the dishwasher they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (—), the model gets weighted category average scores for reliability and satisfaction. Washing

is assessed by running the Normal or equivalent cycle to clean a full load of dishes with baked-on food. Drying performance is our assessment of how thoroughly a model dries plastic cups, the most stubborn in any load. Energy use is energy and water use for our test cycle. A panel of testers judge Noise levels by listening to each

machine through its entire cycle. Cycle time (min.), rounded to the nearest 5 minutes, is based on running the Normal or equivalent cycle to clean a full load. Under Features, in Interior material, SS= stainless steel, P=plastic. Price is approximate retail.



# Gas Grills

You don't have to spend a fortune to get a grill that will consistently deliver great-tasting food. In fact, many mid-priced grills now have side burners and other helpful perks once found exclusively on high-end models.

### What to Look For

- Burners made of high-quality stainless steel, cast iron, or cast brass last longer, and usually carry a warranty of 10 years or more.
- Stainless-steel or coated cast-iron grates provide sturdiness and rust-resistance.
- A battery-powered electronic igniter makes

getting started easier.

- If you enjoy grilling a variety of foods—from delicate fish to sizzling steaks—look at the temperature-range score in our ratings. The higher the score, the more types of cooking you can do.

### What to Skip

- Don't buy by Btu. This

measure alone doesn't guarantee faster pre-heating or better searing and cooking.

### What You'll Pay

- Plan on \$300 to \$700 for a grill that can handle most tasks. Several midsized grills that cost less than \$600 outperformed models that cost hundreds more.

### BUYING ADVICE

You might not need as big a grill as you think: We found large grills can typically fit 28 or more 4-inch burgers at once. Mid-sized models fit 18 to 28.

For more buying advice, go to [CR.org/gas-grills](https://www.cro.org/gas-grills).

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features			
			Predicted reliability	Owner satisfaction	Evenness performance	Preheat performance	Temperature range	Indirect cooking	Convenience	Sturdiness	Measured cooking grid area (sq. in.)	Exterior dimensions (H x W x D)	Long-warranty burners	Side burner
<b>SMALL GAS GRILLS (ROOM FOR 18 OR FEWER BURGERS)</b>														
✓ Weber Spirit E-210 46110001	71	\$450	↑	↑	↑	↓	↓	↑	↑	↓	340	46 x 50 x 26	•	
✓ Napoleon Freestyle 365 F365DPGT	71	\$600	↑	↑	↓	↑	↑	↑	↑	↑	315	46 x 48 x 24	•	NA
✓ Master Forge GBC23032 [Item# 5232010] (Lowe's)	70	\$200	-	-	↑	↑	↑	↑	↑	↓	360	42 x 50 x 22		NA
✓ Permasteel PG-40301-BK	70	\$380	-	-	↑	↑	↑	↑	↓	↓	335	45 x 47 x 20		
✓ Weber Spirit II E-210 44020001	69	\$400	↑	↑	↑	↓	↑	↑	↑	↑	340	45 x 47 x 29	•	
Nexgrill 720-1012	65	\$165	↓	↓	↑	↑	↑	↑	↓	↑	305	43 x 47 x 23		
Expert Grill 720-0988EC [Item 585454662] (Walmart)	63	\$170	↓	↓	↑	↑	↑	↑	↓	↓	320	44 x 47 x 24		
Master Forge GBC23021LE [Item# 5232011] (Lowe's)	63	\$150	-	-	↑	↑	↑	↑	↓	↓	305	42 x 46 x 22		NA
American Gourmet 465734721 [Item# 2582840] (Lowe's)	62	\$180	-	-	↑	↑	↑	↑	↓	↓	320	41 x 47 x 25		
Broil King Gem 320 814154	61	\$400	↑	↓	↑	↑	↑	↓	↓	↓	255	44 x 46 x 21	•	
Brand-Man The Bronco BMBROPN	61	\$200	-	-	↑	↑	↑	↑	↓	↓	305	41 x 49 x 22		
Dyna-Glo DGF350CSP-D	61	\$170	↓	↓	↑	↑	↓	↓	↓	↑	315	41 x 48 x 23		•
Megamaster 720-0864MA	61	\$250	↑	↓	↑	↑	↑	↑	↓	↓	265	47 x 43 x 22		





**GAS GRILLS**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features				
			Predicted reliability	Owner satisfaction	Evenness performance	Preheat performance	Temperature range	Indirect cooking	Convenience	Sturdiness	Measured cooking grid area (sq. in.)	Exterior dimensions (H x W x D)	Long-warranty burners	Side burner	
<b>MIDSIZED GAS GRILLS (ROOM FOR 18 TO 28 BURGERS)</b> <i>Continued</i>															
Megamaster 720-0983	68	\$270	↑	↓	↑	↑	↑	↑	↑	↓	↓	480	45 x 59 x 24		
Cuisinart Dual Fuel GAS2456AS (Walmart)	67	\$350	↓	↓	↑	↑	↓	↑	↑	↑	↑	400	49 x 53 x 21	•	•
Royal Gourmet GA6402B	67	\$480	–	–	↑	↑	↑	↑	↓	↓	–	440	46 x 63 x 23		•
KitchenAid 720-0990C (Costco)	67	\$2,000	↓	↓	↑	↑	↑	↑	↑	↑	↑	510	48 x 84 x 27	•	•
Napoleon Rogue 525 RXT525PSS-1	67	\$900	↑	↑	↑	↑	↑	↑	↓	↓	–	475	49 x 59 x 24		
Napoleon Rogue R425SIBPSS	67	\$1,250	↑	↑	↑	↓	↓	↑	↑	↑	–	385	47 x 51 x 24	•	•
Dyna-Glo DGF571CRP-D	67	\$500	↓	↓	↑	↑	↑	↓	↑	↓	–	500	47 x 64 x 22		•
RevoAce GBC1748WS (Walmart)	66	\$180	–	–	↑	↑	↑	↑	↓	↑	–	425	46 x 55 x 24		•
Master Forge GBC23693 [Item# 5232009] (Lowe's)	66	\$370	–	–	↓	↑	↑	↑	↓	↓	–	495	49 x 59 x 23		•
<b>LARGE GAS GRILLS (ROOM FOR 28 OR MORE BURGERS)</b>															
✓ Weber Summit E-670	78	\$3,350	↑	↑	↑	↑	↑	↑	↑	↑	–	605	52 x 72 x 27	•	•
✓ Napoleon Rogue 625 RXT625SIBPSS-1	75	\$1,100	↑	↑	↑	↑	↑	↑	↑	↑	–	580	48 x 66 x 25	•	•
✓ Monument Grills Denali D605	75	\$800	↑	↑	↑	↑	↑	↑	↑	↓	–	600	47 x 66 x 23		•
✓ Even Embers GAS2660AS (Tractor Supply)	75	\$530	↑	↓	↑	↑	↑	↑	↑	↑	–	530	49 x 59 x 22		•
✓ Fuego Premium 3 Burners F36S	73	\$1,700	↓	↑	↑	↑	↑	↑	↓	↑	–	630	49 x 61 x 26	•	
✓ Napoleon Prestige Pro 665RSIBP	73	\$3,000	↑	↑	↑	↓	↑	↑	↓	↑	–	615	51 x 77 x 26	•	•
✓ Weber Genesis E-435 36410001	72	\$1,400	↑	↑	↑	↓	↓	↑	↑	↓	–	610	48 x 68 x 27	•	•
Broil King Regal S590 Pro 958344	70	\$1,800	↑	↓	↓	↑	↑	↑	↑	↑	–	560	48 x 63 x 24	•	•
Member's Mark G62302 [Item# 980368245] (Sam's Club)	65	\$700	↓	↓	↑	↓	↑	↑	↑	↑	–	600	48 x 67 x 25		•
Broil King Baron 590 PRO 876244	64	\$1,330	↑	↓	↑	↓	↑	↑	↑	↑	–	550	47 x 63 x 26	•	•
Brand-Man Rustler2 BMRUS2-6B	64	\$1,050	–	–	↑	↑	↓	↓	↑	↑	–	550	46 x 66 x 22		•
Broil King Regal S510 886114	63	\$1,850	↑	↓	↓	↓	↑	↑	↓	↓	–	575	48 x 63 x 27	•	
Kenmore PG-40602SRL	62	\$715	↓	↓	↑	↑	↑	↑	↓	↑	–	545	47 x 65 x 21		•
Dyna-Glo DGP552SSP-D	61	\$530	↓	↓	↑	↑	↑	↓	↑	↓	–	535	45 x 63 x 23		•

> Digital and All Access members can find the latest, complete ratings at [CR.org/gas-grills](https://www.crisp.org/gas-grills).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from CR's 2021, 2022, and 2023 Fall Quarterly surveys. Owner satisfaction reflects

the proportion of CR members who are extremely likely to recommend the gas grill they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (–), we give the model weighted category average scores for reliability and satisfaction. To measure Evenness performance, we use thermocouples to map the evenness of heating over the

grill's surface at the highest and lowest setting using all main burners—plus the evenness after a 10-minute preheat. Preheat performance evaluates the temperature after a 10-minute preheat, giving an indication of how quickly the grill reaches its maximum temperature. Temperature range reflects how wide a temperature span the grill offers, comparing temperatures at

the high and low setting using all main burners. Indirect cooking indicates grill temperature when only one or two of the burners are on, to represent a cooking task where the food is placed between or alongside the direct flame. Convenience includes grate material, wheels or casters for moving the grill, and useful features such as electronic igniter. Price is approximate retail.



# Generators

Large portable generators can power your fridge and more. Home standby models, which are permanently installed, will start automatically if the power goes out. Quiet inverter models run longer and use less gasoline than regular portable models.



### What to Look For

- Plan on at least 5,000 watts to cover key emergency needs in a typical home; 10,000 watts or more if you also want to run central A/C, an electric range, and a washer/dryer.
- An automatic low-oil shutoff function will protect the engine from internal damage.
- For portable generators,

look for a carbon monoxide shut-off, a lifesaving feature. Choose a generator that complies with PGMA G300 or UL 2201 safety standards, marked on the packaging.

### What to Skip

- Disregard big surge claims; the best units can handle the extra watts that some

appliances draw when they cycle on.

### What You'll Pay

- A regular, non-inverter unit with 5,000 to 8,000 watts will run \$600 to \$1,500; stationary, home standby units range from \$2,000 to over \$3,500 (plus installation).

### BUYING ADVICE

Factor in an extra \$450 to \$1,500 to buy and install a transfer switch or interlock kit, devices that safely connect a generator to your breaker panel.

For more buying advice, go to [CR.org/generators](https://www.crguide.org/generators).

Brand + Model	Overall Score	Price	Test Results					Features			
			Power delivery	Power quality	Noise	Ease of use	CO safety technology	Claimed output (watts)	Fuel type	Electric start	Fuel gauge
<b>PORTABLE (RUNNING WATTAGE: 7000-8000W)</b>											
✓ Generac XT8500EFI	75	\$1,200	↑	↑	↓	↑	↓	8500	gasoline	•	•
✓ Generac GP8000E COSENSE 50ST	74	\$1,150	↑	↑	↓	↑	↓	8000	gasoline	•	•
✓ DuroMax XP10000HX	73	\$1,300	↑	↑	↓	↑	↓	Gas 8000 LP 7600	gasoline or propane	•	•
✓ Champion 100416	73	\$1,200	↑	↑	↓	↑	↓	Gas 8000 LP 7200	gasoline or propane	•	•
✓ DeWalt PMC168000	71	\$1,250	↑	↑	↓	↑	↓	8000	gasoline	•	•
<b>PORTABLE (RUNNING WATTAGE: 5000-6900W)</b>											
✓ Generac 7680	73	\$900	↑	↑	↓	↑	↑	6500	gasoline		•
✓ Briggs & Stratton 30728	72	\$900	↑	↑	↓	↑	↑	6250	gasoline		•
✓ Generac GP6500 COSENSE 50ST	70	\$950	↑	↑	↓	↑	↓	6500	gasoline		•
✓ Craftsman CMXGGFMP06009	68	\$800	↑	↑	↓	↑	↓	6000	gasoline		•
✓ DeWalt DXGNR6500	68	\$1,000	↑	↑	↓	↑	↓	6500	gasoline		•



**GENERATORS**

Brand + Model	Overall Score	Price	Test Results					Features				
			Power delivery	Power quality	Noise	Ease of use	CO safety technology	Claimed output (watts)	Fuel type	Electric start	Fuel gauge	
<b>PORTABLE (RUNNING WATTAGE: 2500-4900W)</b>												
✓ Champion 201223	81	\$800	↑	↑	↓	↑	↑	Gas 4000 LP 3600	gasoline or propane	•	•	
Ⓢ Wen GN5602X	80	\$375	↑	↑	↓	↑	↓	4500	gasoline	•	•	
✓ Powermate P0081200	80	\$590	↑	↑	↓	↑	↑	3600	gasoline		•	
✓ Champion 201156	79	\$570	↑	↑	↓	↑	↓	3650	gasoline	•	•	
✓ DeWalt DXGNR4000	77	\$750	↑	↑	↓	↑	↑	4000	gasoline		•	
✓ Champion 201279	77	\$550	↑	↑	↓	↑	↓	Gas 4250 LP 3825	gasoline or propane		•	
✓ A-iPower AP5000P with CO Sensor	77	\$500	↑	↑	↓	↑	↓	4000	gasoline		•	
✓ Green-Power GN5250DCS	77	\$730	↑	↑	↓	↑	↑	Gas 4250 LP 3800	gasoline or propane		•	
✓ Honda EG4000CL With Co-Minder	76	\$2,000	↑	↑	↓	↑	↑	3500	gasoline		•	
<b>INVERTER (5,000-PLUS WATTS, 220-VOLT-CAPABLE)</b>												
✓ Honda EU7000is with CO-MINDER	84	\$4,500	↑	↑	↑	↑	↑	5500	gasoline	•	•	
Ⓢ Predator 9500 with CO SECURE	79	\$2,300	↑	↑	↑	↑	↓	7600	gasoline	•	•	
Ⓢ Genmax GM7250iEDC	77	\$1,700	↑	↑	↑	↑	↑	Gas 6000 LP 5500	gasoline or propane	•	•	
Ⓢ Predator 8750 With CO Secure	77	\$1,200	↑	↑	↓	↑	↓	7000	gasoline	•	•	
Ⓢ Pulsar PGDA70BISCO	75	\$1,200	↑	↑	↑	↑	↓	Gas 6000 LP 5500	gasoline or propane	•	•	
✓ Yamaha EF6300iSDE with CO Sensor	72	\$4,600	↑	↑	↑	↑	↓	5500	gasoline	•	•	
Ⓢ Wen GN875iX	72	\$1,000	↑	↑	↓	↑	↓	7000	gasoline	•	•	
<b>INVERTER (2,500 TO 5,000 WATTS)</b>												
✓ Westinghouse iGen4500c with CO Sensor	86	\$1,000	↑	↑	↑	↑	↑	3700	gasoline	•	•	
✓ Predator 5000 Watt Dual-Fuel SUPER QUIET with CO Secure	85	\$1,100	↑	↑	↑	↑	↓	Gas 3900 LP 3600	gasoline or propane	•	•	
✓ Honda EU3000iS with CO-MINDER	85	\$2,400	↑	↑	↑	↑	↑	2800	gasoline	•	•	
Ⓢ Champion 201049	85	\$650	↑	↑	↓	↑	↑	3650	gasoline		•	
✓ Briggs & Stratton 30814	84	\$1,200	↑	↑	↑	↑	↓	3700	gasoline	•	•	
Ⓢ Predator 3500 Super Quiet with CO Secure	84	\$800	↑	↑	↑	↑	↓	3000	gasoline	•	•	
Ⓢ Ryobi RYi4022X	84	\$800	↑	↑	↓	↑	↑	3400	gasoline			
✓ Champion 201120	82	\$1,000	↑	↑	↑	↑	↓	Gas 3650 LP 3285	gasoline or propane	•	•	
Ⓢ Predator 4550 Watt w CO Secure	82	\$570	↑	↑	↑	↑	↓	3650	gasoline		•	
✓ Echo EGI-4000	82	\$1,000	↑	↑	↓	↑	↑	3400	gasoline		•	



**GENERATORS**

Brand + Model	Overall Score	Price	Test Results					Features			
			Power delivery	Power quality	Noise	Ease of use	CO safety technology	Claimed output (watts)	Fuel type	Electric start	Fuel gauge
<b>INVERTER (2,500 TO 5,000 WATTS) <i>Continued</i></b>											
✓ Genmax GM4600iAEDC	78	\$1,000	↑	↑	↑	↑	↓	Gas 3800 LP 3500	gasoline or propane	•	•
✓ Honda EU3200i	78	\$2,800	↑	↑	↑	↑	↑	2600	gasoline		•
<b>INVERTER (1,500 TO 2,500 WATTS)</b>											
✓ Yamaha EF2200iS with CO Sensor	80	\$1,100	↑	↑	↑	↑	↑	1800	gasoline		•
✓ Champion 100571	79	\$780	↑	↑	↑	↑	↑	2300	gasoline		
✓ Honda EU2200iTAG	76	\$1,300	↑	↑	↑	↑	↑	1800	gasoline		
💰 DeWalt DXGNI2200	75	\$700	↑	↑	↑	↑	↑	1700	gasoline		
✓ Echo EGI-2300	73	\$1,000	↑	↑	↑	↑	↑	1800	gasoline		•
💰 DuroMax XP2300iH	72	\$700	↑	↑	↑	↑	↑	Gas 1800 LP 1700	gasoline or propane		•
💰 Craftsman CMXGIAC2500i	72	\$650	↑	↑	↑	↓	↓	2200	gasoline		
✓ Firman W01785	71	\$780	↑	↑	↑	↑	↑	1700	gasoline		
✓ Ryobi RYI2322VNM	70	\$700	↑	↑	↑	↑	↑	1800	gasoline		•
<b>INVERTER (LESS THAN 1,500 WATTS)</b>											
✓ Honda EU1000i	73	\$950	↑	↑	↑	↑	↓	900	gasoline		
<b>HOME STANDBY (MORE THAN 10,000 WATTS)</b>											
✓ Champion 100179	93	\$3,700	↑	↑	↓	↑		NG 11000 LGP 12500	NG/LPG	•	
💰 Cummins RS13A	91	\$3,400	↑	↑	↓	↑		NG 13000 LGP 13000	NG/LPG	•	
✓ Kohler 14RCAL	90	\$4,250	↑	↑	↓	↑		NG 12000 LGP 14000	NG/LPG	•	
✓ Generac 7224	89	\$4,300	↑	↑	↓	↑		NG 14000 LGP 14000	NG/LPG	•	
<b>HOME STANDBY (10,000 WATTS OR LESS)</b>											
✓ Champion 100177	92	\$3,400	↑	↑	↓	↑		NG 7500 LGP 8500	NG/LPG	•	
✓ Winco PSS8B	92	\$5,000	↑	↑	↓	↑		NG 7600 LGP 8400	NG/LPG	•	
💰 Generac 6998	90	\$2,000	↑	↑	↓	↑		NG 6000 LGP 7500	NG/LPG	•	

➤ Digital and All Access members can find the latest, complete ratings at [CR.org/generators](https://CR.org/generators).

**HOW WE TEST:** Overall Score is based on the performance of the product in all of our tests. Power delivery indicates how much wattage models deliver and how well they handle surges in power demand over various loads. **Power**

**quality** evaluates a generator's ability to deliver power smoothly, with consistent voltage. **Noise** is measured at 23 and 50 feet from the generator. **Ease of use** includes starting, transport (for portables), and helpful features such

as fuel shutoff. **CO safety** captures whether a generator shuts off when CO builds in an enclosed space, and reflects CO emissions in a partially-enclosed space. Under claimed output (watts) and fuel type, LPG=propane and NG=natural

gas. **Price** is approximate retail. Note: Portables have a run time of about 6 to 18 hours on a tank of gas; home standby models run on natural gas indefinitely (run time on LPG depends on the tank size and how full it is).



# Lawn Mowers and Tractors

Gas mowers, which need regular upkeep and oil changes, are familiar favorites. But lower-maintenance battery models are gaining popularity. (These now make up about 65 percent of the mowers we test.) For large properties, a lawn tractor or a zero-turn riding mower makes it easier to cut around trees and flower beds.



### What to Look For

- If you have a small, level lawn, a walk-behind mower, either push or self-propelled, will do the trick.
- A self-propelled mower is better for a sloping site.
- For a gas riding mower, you'll want a fuel gauge that's visible from the driver's seat—which should have

- high, supportive back.
- For battery-powered mowers, focus on models with longer run times and shorter charge times.
- Make sure there's a washout port that accepts a hose for cleaning.

### What to Skip

- Larger mower engines don't

- guarantee better mowing.
- High rear mower wheels may not improve handling.
- Zero-turn mowers can be difficult to control and stop on steep slopes.

### What You'll Pay

- For mowers, from about \$300 to \$2,000. For tractors, from \$1,900 to \$7,000.

### BUYING ADVICE

We test how well each mower works in three cutting modes (mulching, bagging, and side discharging). Find a model that earns high marks in your preferred mode.

For more buying advice, go to [CR.org/mowers](https://www.crguide.org/mowers).

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features			
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Bagging	Evenness	Handling	Noise at ear	Noise at 25 ft.	Deck size (in.)	Swing-up handle bar	Upright storage
<b>GAS PUSH MOWERS</b>														
✓ Honda HRN216PKA	79	\$530	↑	↑	↑	↑	↑	↑	↑	↓	↓	21	•	
✓ Toro 21311	73	\$370	↑	↓	↑	↑	↓	↑	↑	↓	↓	21		
✓ Troy-Bilt TB120B	71	\$430	↑	↓	↑	↑	↓	↑	↑	↓	↓	21		
<b>GAS SELF-PROPELLED MOWERS</b>														
✓ Honda HRX217HZA	84	\$1,100	↑	↑	↓	↑	↑	↑	↑	↓	↓	21	•	
✓ Honda HRN216VLA	84	\$650	↑	↑	↑	↑	↑	↑	↑	↓	↑	21	•	
✓ Honda HRN216VKA	83	\$550	↑	↑	↑	↑	↑	↑	↑	↓	↑	21	•	
✓ Honda HRX217VKA	82	\$800	↑	↑	↓	↑	↑	↑	↑	↓	↓	21	•	
✓ Craftsman M320	74	\$520	↓	↓	↑	↑	↑	↑	↑	↓	↓	21		
✓ Toro Super Recycler 21565	73	\$800	↓	↑	↑	↑	↓	↑	↑	↓	↓	21	•	•
✓ Toro Personal Pace Recycler 21465	73	\$500	↓	↑	↑	↑	↑	↑	↑	↓	↓	22	•	•
✓ Toro Recycler Max 21485	72	\$550	↓	↑	↑	↑	↑	↑	↑	↓	↓	22	•	•
✓ Toro Recycler 21462	71	\$480	↓	↑	↑	↑	↑	↑	↑	↓	↓	22		



**LAWN MOWERS AND TRACTORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results							Features		
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Bagging	Evenness	Handling	Noise at ear	Noise at 25 ft.	Deck size (in.)	Swing-up handle bar	Upright storage

**GAS SELF-PROPELLED MOWERS** *Continued*

✓ DeWalt DW12AVP2R3739	70	\$700	↓	↓	↑	↑	↑	↑	↑	↓	↓	21		
✓ Cub Cadet SC 900	70	\$630	↓	↓	NA	↑	↑	↑	↑	↓	↓	23	•	

**GAS WIDE-DECK SELF-PROPELLED MOWERS**

✓ Toro Timemaster 21199	74	\$1,600	↓	↑	↑	↑	↑	↑	↑	↓	↓	30	•	
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Brand + Model	Overall Score	Price	Survey Results		Test Results									
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Bagging	Evenness	Handling	Run time	Charge time	Noise at ear	Noise at 25 ft.	Deck size (in.)

**BATTERY SELF-PROPELLED MOWERS**

✓ Greenworks MO80L421	88	\$750	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	21
✓ Ryobi RYPM8010	85	\$2,000	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	30
✓ Ego LM2123SP-2	85	\$700	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	21
✓ Ryobi RY401210US	84	\$800	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	21
✓ Ryobi RY401150US	84	\$700	↓	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	21
✓ Greenworks MO60L810	83	\$650	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	21
Ⓢ Ryobi RY401140US	83	\$600	↓	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	21
✓ Ego LM2156SP	82	\$850	↓	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	21
✓ Makita XML08PT	82	\$900	-	-	↑	↑	↓	↑	↑	↑	↑	↑	↑	21
✓ Ego LM2134SP-2	82	\$800	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	21
✓ Makita GML01PL	81	\$1,300	-	-	↑	↑	↑	↑	↑	↑	↓	↑	↑	21
✓ Ryobi P11100-BK	80	\$750	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	20
✓ Ego LM2206SP	79	\$1,200	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	22
✓ Milwaukee 2823-22HD	78	\$1,100	↓	↑	↑	↑	↓	↑	↑	↑	↓	↑	↑	21
Ⓢ Ego LM2114SP	78	\$550	↓	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	21
Ⓢ Kobalt (Lowe's) KLMS 2524A-03	78	\$500	↑	↑	↑	↑	↓	↑	↑	↑	↓	↑	↑	20
Ⓢ Green Machine GMSM6200	78	\$550	-	-	↑	↑	↓	↑	↑	↑	↑	↑	↑	23
Ⓢ Ryobi RY40126OVNM	77	\$580	↓	↑	↑	↑	↓	↑	↑	↑	↓	↑	↑	20
✓ Husqvarna LE322R 970607602	77	\$850	-	-	↑	↑	↑	↑	↑	↑	↓	↓	↑	21
✓ Bad Boy MS80B150A21	76	\$680	-	-	↑	↑	↑	↑	↑	↓	↓	↑	↑	21
✓ Toro Stripe 21623	75	\$730	-	-	↑	↑	↓	↑	↑	↑	↓	↑	↑	21



**LAWN MOWERS AND TRACTORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Bagging	Evenness	Handling	Run time	Charge time	Noise at ear	Noise at 25 ft.

**BATTERY PUSH MOWERS**

✓ Ryobi RY401220	83	\$850	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	21
✓ Ryobi RY401200	80	\$600	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	21
💰 Snapper SXD19PWM82K	79	\$400	-	-	↓	↑	↓	↑	↑	↑	↑	↑	↑	19
💰 Ego LM2114	79	\$450	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	21
✓ Kobalt (Lowe's) KM 5080-06	78	\$600	↑	↓	↑	↑	↓	↑	↑	↑	↓	↑	↑	21
💰 Ryobi RY401170VNM	77	\$330	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	20
💰 Skil PM4910-10	75	\$330	↑	↑	NA	↑	↓	↑	↑	↑	↓	↑	↑	20
✓ Greenworks 2532802	73	\$430	↑	↑	↑	↑	↓	↑	↑	↓	↓	↑	↑	20
💰 Kobalt (Lowe's) KPM 1040A-03	73	\$350	↑	↓	↑	↑	↓	↑	↑	↑	↓	↑	↑	20
✓ Stihl RMA 510	71	\$550	↑	↑	↓	↓	↓	↑	↑	↓	↑	↑	↑	21
✓ Atlas 80v Brushless 21"	71	\$420	-	-	↑	↑	↓	↑	↑	↓	↓	↑	↑	21
✓ Kobalt (Lowe's) KPM 1624A-03	69	\$400	↑	↓	NA	↑	↓	↑	↑	↑	↓	↑	↑	16

**BATTERY RIDING MOWERS**

✓ Ego ZT4205S	89	\$6,000	-	-	↑	↑		↑	↑	↑	↑	↑	↑	42
✓ Greenworks CRZ428	87	\$5,000	-	-	↑	↑		↑	↑	↑	↑	↑	↑	42
✓ Ego ZT4204L	86	\$5,500	-	-	↑	↑		↑	↑	↑	↑	↓	↓	42
✓ John Deere Z370R-42	84	\$6,400	-	-	↑	↑		↑	↑	↑	↓	↓	↑	42
✓ Ryobi RYRM8034	84	\$7,000	-	-	↑	↑		↑	↑	↑	↑	↓	↓	54
✓ Ryobi RYRM8060	80	\$5,000	-	-	↑	↑	↓	↑	↑	↑	↑	↓	↑	42
✓ Ego TR4204	80	\$4,000	-	-	↑	↑		↑	↑	↓	↑	↓	↑	42

Brand + Model	Overall Score	Price	Survey Results		Test Results							Features	
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Bagging	Evenness	Handling	Noise at ear	Noise at 25 ft.	Deck size (in.)	Engine power (hp)

**LAWN TRACTORS**

✓ John Deere X354	85	\$5,000	↑	↑	↑	↑	↑	↑	↑	↓	↓	42	21.5
✓ John Deere S240-48	84	\$3,700	↑	↑	↑	↑	↑	↑	↑	↓	↓	48	18.5
✓ John Deere X350-42	84	\$4,000	↑	↑	↑	↑	↑	↑	↑	↓	↓	42	18.5
✓ John Deere S170	81	\$3,300	↑	↑	↑	↑	↑	↑	↑	↓	↓	48	24
✓ Cub Cadet XT2 SLX50	81	\$3,800	↓	↑	↑	↑	↑	↑	↑	↓	↓	50	NS



**LAWN MOWERS AND TRACTORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results							Features	
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Bagging	Evenness	Handling	Noise at ear	Noise at 25 ft.	Deck size (in.)	Engine power (hp)

**LAWN TRACTORS** *Continued*

✓ John Deere S120	80	\$2,700	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	42	22
✓ John Deere S140	80	\$2,900	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	48	22
✓ John Deere S220	↑ 80	\$3,000	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	42	22
💰 John Deere S100	↑ 79	\$2,400	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	42	17.5

**REAR ENGINE RIDERS**

Cub Cadet CC30 H	↑ 62	\$2,250	↑	↑	↑	↑	↓	↑	↑	↓	↓	30	NS
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Brand & Model	Overall Score	Price	Survey Results		Test Results							Features	
			Predicted reliability	Owner satisfaction	Side discharging	Mulching	Evenness	Handling	Noise at ear	Noise at 25 ft.	Deck size (in.)	Engine power (hp)	

**ZERO-TURN MOWERS**

✓ John Deere Z530M	85	\$5,800	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	54	24
✓ John Deere Z515E	↑ 85	\$5,100	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	54	24
✓ John Deere Z330R-54	84	\$4,100	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	54	23
✓ Cub Cadet Ultima ZT2-50 Fab	81	\$4,500	↓	↑↑	↑	↑	↑	↑	↑	↓	↓	50	23
✓ Kubota Z231KW-42	↑ 81	\$4,800	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	42	21.5
✓ Cub Cadet Ultima ZT1 50	80	\$4,900	↓	↑↑	↑	↑	↑	↑	↑	↓	↓	50	23
✓ Gravely ZT X 52 918011	80	\$4,650	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	52	23
✓ Ariens Ikon 52 918005	79	\$4,000	↓	↑↑	↑	↑	↑	↑	↑	↓	↓	52	23
💰 John Deere Z315E-42	79	\$3,400	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	42	20
✓ Bad Boy MZ Magnum	79	\$4,800	↑	↑↑	↑	↑	↑	↑	↑	↓	↓	54	25
✓ Toro MyRide 77502	79	\$4,600	↓	↑↑	↑	↑	↑	↑	↑	↓	↓	50	23
✓ Cub Cadet Ultima ZT1 54P	79	\$4,100	↓	↑↑	↑	↑	↑	↑	↑	↓	↓	54	23

> Digital and All Access members can find the latest, complete ratings at [CR.org/mowers](https://www.cr.org/mowers).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from

CR's 2021, 2022, and 2023 Fall Quarterly surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the mower or tractor they bought. In cases where we have insufficient data to provide a brand-level rating, indicated by a gray dash (-), we give the model

weighted category average scores for reliability and satisfaction. For Side discharging, we measure how evenly grass clippings are cut and dispersed, favoring models that don't leave big clumps of grass behind. We prioritize Mulching, our recommended method, and measure how well mowers can

churn grass into fine clippings. For Bagging, we determine how easy it is to attach and remove the bag, then record the weight of a full bag. Evenness is our measurement of how evenly the mower cuts. Handling is ease of using drive controls, making U-turns, and other maneuvers. Price is approximate retail.



# Mattresses

Foam mattresses-in-a-box get a lot of attention, but traditional innerspring styles remain the biggest sellers. No matter which type you prefer, the key to comfort is support—and it doesn't have to come at a high price. You'll find some terrific bargains in our ratings.



### What to Look For

- Use our ratings to select a mattress that scores Very Good or Excellent for your size and sleep position.
- Return windows can range from a couple of weeks to a few months. Make sure the retailer offers a refund or credit, in case you aren't happy with your choice.

### What to Skip

- Our tests show that layers of gel-infused foam, touted to provide a cooling effect, don't guarantee cooler sleep.
- If your old box spring isn't broken and is still structurally sound, consider keeping it (you'll save roughly \$150 to \$300 for a queen-size). One caveat: Some brands

require you to buy their box spring to receive full warranty coverage.

### What You'll Pay

- You'll find a huge range of prices. But you don't have to spend much more than \$1,000 for a comfortable, supportive mattress—and you can certainly spend less.

### BUYING ADVICE

If possible, lie on any mattress you're considering, spending at least 10 to 15 minutes on each side and on your back.

For more buying advice, go to [CR.org/mattresses](https://CR.org/mattresses).

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Comfort score	Owner satisfaction	Petite side sleeper	Average side sleeper	Large/Tall side sleeper	Petite back sleeper	Average back sleeper	Large/Tall back sleeper	Durability	Stabilization	Firmness rating
<b>INNERSPRING</b>													
✓ Avocado Green	84	\$1,900	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	7
✓ Casper Dream	83	\$1,875	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
Ⓢ Denver Mattress Doctor's Choice Plush	82	\$800	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
✓ Casper Snow	82	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	4
✓ SleepFresh Hybrid	82	\$1,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
✓ Charles P. Rogers Lifetime 8 Hybrid	82	\$3,200	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	5
Ⓢ Bob-O-Pedic Treasure Cushion Dual	81	\$800	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	6
✓ Parachute Eco	81	\$2,400	-	-	↑	↑	↑	↑	↑	↑	↑	↑	5
✓ Ethan Allen EA Signature Platinum Plush	81	\$3,420	↓	↓	↑	↑	↑	↑	↑	↑	↑	↑	5
✓ Brentwood Home Hybrid Latex	80	\$1,499	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	4
✓ Avocado Green Mattress Pillowtop	79	\$2,400	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	5
Ⓢ Zoma Hybrid	79	\$800	-	-	↑	↑	↑	↑	↑	↑	↑	↑	3
Ⓢ Zinus Cooling Gel Memory Foam coil	78	\$730	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	5
✓ Big Fig The Mattress for a Bigger Figure	78	\$1,600	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	6



**MATTRESSES**

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Comfort score	Owner satisfaction	Petite side sleeper	Average side sleeper	Large/Tall side sleeper	Petite back sleeper	Average back sleeper	Large/Tall back sleeper	Durability	Stabilization	Firmness rating
<b>INNERSPRING</b> <i>Continued</i>													
💰 <b>Beautyrest BR-800 12" Medium Firm</b>	78	\$770	⬇️	⬆️	⬆️	⬆️	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	6
✓ <b>Casper Wave Hybrid</b>	78	\$2,300	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	2
✓ <b>Bear Star Hybrid</b>	77	\$1,200	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
💰 <b>Emma CliMax Hybrid</b>	77	\$800	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>Beautyrest PressureSmart Plush Pillow Top Standard</b>	77	\$1,750	⬇️	⬆️	⬆️	⬇️	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	5
💰 <b>Lucid 12" Hybrid</b>	77	\$450	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	5
✓ <b>Charles P. Rogers Real Bed</b>	77	\$1,200	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Cloverlane 5" Foam Luxury Firm</b>	77	\$1,500	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Tempur-Pedic Cloud Medium Hybrid</b>	77	\$2,200	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Bedgear H6 Hybrid Performance Split Head</b>	76	\$2,399	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	2
✓ <b>Leesa Oasis Chill Hybrid</b>	76	\$1,700	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Leesa Legend Hybrid</b>	76	\$2,100	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Leesa Sapira Hybrid</b>	76	\$1,700	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>Awara Natural Hybrid</b>	76	\$1,100	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
💰 <b>Beautyrest Silver BRS900-TSS Medium Firm Tight Top</b>	76	\$900	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>Eco Terra Hybrid Latex Medium</b>	76	\$1,050	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Avocado Eco Organic</b>	76	\$1,200	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>Tuft &amp; Needle Nod Hybrid MAT-NODH-01-Q</b>	76	\$1,000	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>Helix Sleep Dusk Luxe</b>	75	\$1,800	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
💰 <b>Signature Design by Ashley Chime 12" Plush Hybrid</b>	75	\$330	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Diamond Intention Hybrid</b>	75	\$2,200	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	2
✓ <b>Helix Sleep Midnight Elite</b>	75	\$3,000	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Lull Luxe Hybrid</b>	75	\$1,500	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>MLily Mprove 3.0</b>	75	\$3,000	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Nolah Natural 11"</b>	75	\$1,200	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>Purple Restore</b>	75	\$2,000	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	2
✓ <b>Bear Pro Hybrid</b>	75	\$900	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
💰 <b>Molblly 12"</b>	75	\$300	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Spindle Organic Hybrid</b>	75	\$1,200	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3
✓ <b>Sealy Posturepedic Plus Opportune II</b>	74	\$1,100	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	4
✓ <b>My Green Mattress Natural Escape</b>	74	\$1,800	-	-	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	5



MATTRESSES

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Comfort score	Owner satisfaction	Petite side sleeper	Average side sleeper	Large/Tall side sleeper	Petite back sleeper	Average back sleeper	Large/Tall back sleeper	Durability	Stabilization	Firmness rating
<b>INNERSPRING</b> <i>Continued</i>													
✓ Brooklyn Bedding Titan for Plus Size Sleep	74	\$1,000	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	4
✓ Tempur-Pedic LuxeBreeze 13" Hybrid	74	\$5,559	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	3
💰 Sealy Posturepedic Summer Rose 12" Medium	74	\$500	↓	↓	↓	↓	↑	↑	↑	↑	↑	↑	6
✓ Sealy Posturepedic Hybrid Lacey 13" Plush	74	\$1,149	↓	↓	↑	↓	↓	↑	↑	↑	↑	↑	6
✓ Tuft & Needle Hybrid with Pillow top	74	\$2,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	4
✓ Bedgear M3 1.0 Medium Firm	74	\$2,500	-	-	↑	↑	↓	↑	↑	↑	↑	↑	5
✓ Beautyrest Black L-Class	74	\$2,600	↓	↓	↓	↑	↑	↑	↑	↑	↑	↑	6
✓ Puffy Lux Hybrid	74	\$1,500	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	1
💰 Allswell Luxe Hybrid	74	\$700	↓	↑	↑	↑	↓	↑	↑	↑	↑	↑	7
✓ Sleepy's By Sealy Euro Top	74	\$1,100	↓	↓	↑	↑	↑	↑	↑	↓	↑	↑	2
✓ Diamond Transformation Hybrid	74	\$3,000	-	-	↑	↑	↑	↑	↑	↑	↑	↓	2
✓ Stearns & Foster Estate 13.5" Extra Firm	74	\$2,400	↑	↑	↓	↓	↓	↑	↑	↑	↑	↓	6
✓ Serta Perfect Sleeper Elite Trelleburg II 11.5" Firm	74	\$1,200	↓	↓	↑	↓	↓	↑	↑	↑	↑	↑	5
✓ Emma Hybrid Comfort	73	\$1,200	-	-	↑	↑	↓	↑	↑	↓	↑	↓	4
✓ Ethan Allen EA Signature Firm	73	\$2,300	↓	↓	↑	↓	↓	↑	↑	↑	↑	↑	6
✓ Birch by Helix Natural	73	\$1,450	-	-	↑	↑	↓	↑	↑	↑	↑	↑	3
✓ Helix Sleep Midnight Luxe	73	\$1,900	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	4
✓ Serta iComfort CF 2000 12.5" Hybrid Firm	73	\$1,800	↓	↓	↑	↑	↓	↑	↑	↑	↑	↑	4
✓ Denver Mattress Doctor's Choice Euro Top	73	\$900	↑	↑	↑	↑	↑	↑	↓	↓	↑	↑	3
✓ Kingsdown Passions Aspiration Pillow-Top	73	\$1,200	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	2
✓ Saatva HD	73	\$2,800	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	2
✓ WinkBeds The Plus	73	\$1,700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	4
✓ Duxiana DUX 1001	73	\$6,500	-	-	↑	↑	↑	↑	↑	↓	↑	↓	4
Purple Restore Cool Touch 11'5"	72	\$2,500	↑	↑	↓	↓	↓	↑	↑	↑	↑	↓	4
Denver Mattress Doctor's Choice Elite Euro Top	72	\$1,300	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	2
Casper Nova Hybrid	72	\$1,950	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
Member's Mark Hotel Premier Collection 12" Hybrid	72	\$700	-	-	↑	↑	↑	↑	↑	↓	↑	↓	2
Aireloom Hybrid 14.75" Luxury Firm	72	\$2,900	↑	↑	↓	↓	↓	↑	↑	↑	↑	↑	3
Saatva Classic Luxury Firm 14.5"	72	\$1,600	↑	↑	↑	↑	↓	↑	↑	↑	↑	↓	3
Sealy Posturepedic Mountain Ridge V Medium 11.5"	72	\$1,100	↓	↓	↓	↓	↓	↑	↑	↑	↑	↑	5
Helix Sleep Dawn Elite	71	\$2,600	↑	↑	↑	↑	↑	↑	↓	↓	↑	↓	2



**MATTRESSES**

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Comfort score	Owner satisfaction	Petite side sleeper	Average side sleeper	Large/Tall side sleeper	Petite back sleeper	Average back sleeper	Large/Tall back sleeper	Durability	Stabilization	Firmness rating
<b>INNERSPRING</b> <i>Continued</i>													
Charles P. Rogers Biltmore Hybrid	71	\$1,660	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	6
Awara Premier Natural Hybrid	71	\$1,500	-	-	↑	↑	↑	↑	↑	↑	↑	↑	2
Leesa Sapira-chill Hybrid	71	\$2,000	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	3
Diamond Ethos Natural Hybrid Medium	71	\$2,300	-	-	↑	↑	↓	↑	↓	↓	↑	↑	2
MLily Fusion Luxe	71	\$3,000	-	-	↑	↓	↓	↑	↑	↓	↑	↓	4
Allswell Original 10" Hybrid	71	\$250	↓	↑	↓	↓	↓	↑	↑	↑	↑	↑	4
Keetsa The Keetsa Pillow Plus	71	\$1,100	-	-	↓	↓	↓	↑	↑	↑	↑	↑	6
Hybrid Infinity Cool Luxury	71	\$1,700	-	-	↑	↑	↓	↑	↓	↓	↑	↑	3
Layla Sleep Hybrid Mattress Firm	71	\$1,500	↑	↑	↑	↑	↓	↑	↑	↓	↑	↑	2
OleeSleep Galaxy Hybrid 13"	70	\$560	-	-	↑	↑	↑	↑	↓	↓	↑	↓	3
Molbly Hybrid 10" (B0932RXGX4)	70	\$230	-	-	↑	↑	↑	↑	↓	↓	↑	↓	2
Serta Hotel Beds Concierge Suite II	70	\$1,300	↓	↓	↑	↑	↑	↑	↓	↓	↑	↓	3
OrganicPedic by OMI Stella	70	\$4,500	-	-	↓	↓	↓	↑	↑	↑	↑	↓	4
Amerisleep AS3h Hybrid	70	\$1,300	↑	↑	↑	↑	↓	↑	↓	↓	↑	↑	2
Sealy Posturepedic Plus Warrenville V 13 Inch Medium	70	\$1,400	↓	↓	↓	↓	↓	↑	↑	↑	↑	↑	4
WinkBeds The WinkBed Luxury Firm Hybrid	70	\$1,500	↑	↑	↓	↓	↓	↑	↑	↓	↑	↑	3
Amore Beds Hybrid	70	\$1,200	-	-	↑	↓	↓	↑	↑	↓	↑	↓	6
Clean Design Home Essex	70	\$2,059	-	-	↑	↑	↑	↑	↓	↓	↑	↑	2
Serta iSeries Hybrid 2000	70	\$1,800	↓	↓	↑	↓	↓	↑	↑	↑	↑	↓	4
Nest Bedding Robin Flippable	70	\$900	↑	↑	↓	↓	↑	↑	↑	↑	↑	↑	2
Denver Mattress Doctor's Choice Hybrid Euro Top	70	\$1,000	↑	↑	↑	↑	↑	↓	↓	↓	↑	↓	1
Helix Sleep Sunset	70	\$1,000	↑	↑	↑	↑	↑	↓	↓	↓	↑	↓	1
Bob-O-Pedic Copper Sport Hybrid Plush	70	\$900	↑	↑	↑	↑	↑	↑	↓	↓	↑	↑	2
Beautyrest BRX1000-IP	70	\$1,300	↓	↓	↓	↓	↓	↑	↑	↑	↑	↓	4
Sealy Posturepedic Plus Warrenville V 12 Inch Ultra Firm	70	\$1,400	↓	↓	↓	↓	↓	↑	↑	↑	↑	↑	3
DreamCloud Premier Rest	70	\$1,500	↑	↓	↑	↑	↑	↑	↓	↓	↑	↓	1
Ikea Haugesund	70	\$300	↓	↑	↑	↑	↓	↑	↑	↑	↑	↑	4
Naturepedic EOS Classic Organic Medium	70	\$3,500	-	-	↑	↑	↑	↓	↑	↑	↑	↑	3
Bob-O-Pedic Affinity Hybrid Plush	70	\$800	↑	↑	↓	↓	↓	↑	↑	↑	↑	↑	3
Brentwood Home Oceano Luxury Hybrid	70	\$1,840	↓	↑	↑	↑	↑	↑	↑	↓	↑	↓	3



**MATTRESSES**

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Comfort score	Owner satisfaction	Petite side sleeper	Average side sleeper	Large/Tall side sleeper	Petite back sleeper	Average back sleeper	Large/Tall back sleeper	Durability	Stabilization	Firmness rating
<b>FOAM</b>													
✓ Casper The One	83	\$1,245	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	6
Ⓢ Earthfoam Organic Medium	81	\$1,000	-	-	↑	↑	↑	↑	↑	↑	↑	↑	7
✓ Essentia Stratami	81	\$3,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	6
✓ Sleep on Latex Pure Green Firm	81	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	7
✓ Spindle 10" Organic Latex	79	\$2,300	-	-	↑	↑	↑	↑	↑	↑	↑	↑	5
✓ Tempur-Pedic Cloud Medium	79	\$2,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	5
✓ Avocado Latex Mattress	79	\$3,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	5
✓ Essentia Classic REM5 Organic 8"	79	\$4,200	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	3
✓ Cocoon by Sealy Chill Memory Foam	79	\$1,200	-	-	↑	↑	↑	↑	↑	↑	↑	↑	5
✓ Purple Renew	79	\$1,399	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	4
✓ Reverie Dream Supreme II Hybrid Sleep System Medium/Firm	78	\$4,200	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
✓ Tuft & Needle Mint	78	\$1,800	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
✓ DreamCloud Premier Memory Foam	78	\$1,782	↑	↓	↑	↓	↓	↑	↑	↑	↑	↑	4
Ⓢ SweetNight Prime	77	\$720	-	-	↑	↑	↓	↑	↑	↑	↑	↑	5
Ⓢ Bedgear S3 Performance	77	\$800	-	-	↑	↓	↓	↑	↑	↑	↑	↑	5
Ⓢ MOLECULE Core	77	\$800	-	-	↑	↑	↑	↑	↑	↑	↑	↑	8
Ⓢ Lull The Lull	77	\$800	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	5
✓ BedInABox Tranquillum	76	\$1,200	↓	↓	↑	↑	↓	↑	↑	↑	↑	↑	6
Ⓢ Best Price Mattress 12" Signature Green Tea	76	\$300	-	-	↑	↑	↓	↑	↑	↑	↑	↓	4
✓ GhostBed The GhostBed	76	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	7
✓ GhostBed Luxe	76	\$1,500	↑	↑	↑	↑	↓	↑	↑	↓	↑	↑	4
Ⓢ Novaform 10" SoFresh Responsive Foam	75	\$530	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	5
✓ Wright 1.27 Memory Foam	75	\$2,500	-	-	↑	↑	↑	↑	↑	↓	↑	↑	3
✓ Serta iComfortEco Medium	75	\$1,400	↑	↓	↑	↓	↓	↑	↑	↑	↑	↑	4
Ⓢ OleeSleep Aquarius 10"	75	\$420	-	-	↑	↑	↑	↑	↑	↑	↑	↓	5
✓ Purple Plus	75	\$1,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
✓ Serta SleepToGo	74	\$800	↑	↓	↑	↑	↑	↑	↑	↑	↑	↓	5
✓ Layla Essential	74	\$700	↑	↑	↑	↓	↓	↑	↑	↑	↑	↓	7
✓ Saatva Zenhaven Latex	74	\$2,600	↑	↑	↑	↓	↓	↑	↑	↑	↑	↓	3
✓ Luxi The Luxi One	74	\$1,000	-	-	↑	↑	↑	↑	↑	↓	↑	↑	2
✓ Sleepy's Basic Memory Foam	74	\$1,000	↓	↓	↑	↑	↑	↑	↑	↑	↑	↓	4



MATTRESSES

Brand + Model	Overall Score	Price	Survey Results		Test Results								
			Comfort score	Owner satisfaction	Petite side sleeper	Average side sleeper	Large/Tall side sleeper	Petite back sleeper	Average back sleeper	Large/Tall back sleeper	Durability	Stabilization	Firmness rating
<b>FOAM</b> <i>Continued</i>													
✓ Leesa Studio by Leesa	74	\$750	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	4
✓ Serta iComfort CF3000	74	\$2,200	↑	↓	↑	↓	↓	↑	↑	↑	↑	↓	4
✓ Nest Bedding Starling Signature Contour Grid Mattress	74	\$2,105	↑	↑	↓	↓	↓	↑	↑	↑	↑	↓	4
✓ Tempur-Pedic Tempur-ProAdapt Firm	74	\$2,500	↑	↑	↑	↓	↓	↑	↑	↑	↑	↓	7
✓ Tuft & Needle T&N Original Mattress	74	\$1,000	↑	↑	↑	↑	↑	↑	↓	↓	↑	↑	6
Ⓢ Siena Memory Foam	73	\$600	-	-	↑	↑	↓	↑	↑	↑	↑	↑	4
✓ Novaform 14" Serafina Pearl Cool Comfort Medium Gel Memory Foam	73	\$780	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	4
✓ Novosbed The Novosbed Memory Foam	73	\$1,000	↑	↑	↑	↑	↓	↑	↑	↑	↑	↓	6
✓ Purple NewDay	73	\$1,100	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	6
Ⓢ Serta Cooling Gel Memory	73	\$500	↑	↓	↑	↓	↓	↑	↑	↑	↑	↓	8
✓ GhostBed Venus Williams Collection Legend	73	\$1,450	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	3
✓ Selectabed Ultrabed Original	73	\$800	-	-	↓	↓	↓	↑	↑	↑	↑	↑	7
✓ Sleep on Latex Pure Green Organic Medium	73	\$1,000	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	6
✓ Sealy Posturepedic Plus Foam Albany Soft 13"	73	\$1,650	↑	↓	↑	↑	↓	↑	↑	↑	↑	↓	3
<b>ADJUSTABLE AIR</b>													
✓ Sleep Number p6 Smart Bed	81	\$2,899	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	6
✓ Sleep Number m7 Memory Foam Smart Bed	78	\$3,999	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	4
✓ Saatva Solaire	78	\$3,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	4
Ⓢ Sleep Number c2 Smart Bed Classic Series	77	\$1,099	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	9
✓ Sleep Number i10 Smart Bed	74	\$4,999	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	3

> Digital and All Access members can find the latest, complete ratings at [CR.org/mattresses](https://www.crguide.com/mattresses).

**HOW WE TEST:** Overall Score is based on the performance of the product in all of our tests and member surveys. The Survey Results section includes two ratings based on our members' survey feedback of almost 61,000 mattresses purchased between 2014 and 2024. Comfort Score reflects our mattress survey data in which our members rate their mattresses using a 6-point rating system from Very Poor to Excellent.

Owner satisfaction is based on a 6-point rating system from completely dissatisfied to completely satisfied with their mattress. In cases where we have insufficient data to provide a brand-level rating, indicated by a gray dash (-), the model gets weighted category average scores for comfort and satisfaction. Side sleeper is the ability to keep a side sleeper's spine relatively horizontal. Back sleeper

is the ability to maintain the natural curve of a back sleeper's spine. In our support tests we use a subject 5 feet 1 inches and 121 pounds for the petite sleeper scores, and a subject 6 feet 3 inches and 220 pounds for the large/tall sleeper scores. The average sleeper is an average of the other two. Durability gauges a mattress' ability to keep its original shape, height, firmness, and support after a simulated eight to

10 years of use. This includes passing a nearly 309-pound roller over each mattress 30,000 times. A high score for stabilization indicates little or no bouncing or vibration transferred across the mattress. We rate firmness on a scale of 1 to 10, with 10 being the firmest. Price is approximate retail for a queen-size mattress without a box spring.



# Refrigerators

Refrigerator design continues to evolve, and new models often boast high-tech features. But no matter which type you choose, everyday performance still matters most—and that’s what our tests capture.

### What to Look For

- Temperature-controlled drawers keep meat, fish, and other food at lower temperatures.
- In French-door models, look for half or foldable shelves for storing taller items as needed.
- Adjustable door bins also allow for customization and flexibility.

### What to Skip

- Take manufacturers’ capacity claims with a grain of salt: While brands calculate the total cooled space, we measure the usable storage space to determine how much each model can really hold. See the “Total usable capacity” column in the ratings below.

### What You’ll Pay

- Standard top-freezers start around \$500. Side-by-sides start around \$800, while French-door models are \$1,000 and up. Built-ins can run beyond \$10,000.

### BUYING ADVICE

If you’re just replacing your fridge (not remodeling your kitchen), check each model’s dimensions, and make sure you have room for the doors to open fully.

For more buying advice, go to [CR.org/refrigerators](https://www.crguide.org/refrigerators).

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features					
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total usable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser
<b>TOP FREEZERS, 31-INCH AND WIDER WIDTHS</b>															
✓ LG LRTLS2403S	76	\$850	↑	↓	↑	↑	↑	↑	↓	NA	17.7	55.46	•	Opt.	•
Maytag MRT311FFFZ	67	\$845	↑	↓	↓	↑	↑	↓	↓	NA	16.6	57.99	•	Opt.	•
Whirlpool WRT311FZDW	62	\$740	↑	↓	↓	↑	↑	↓	↓	NA	17.7	57.99	•	Opt.	•
Whirlpool WRT541SZDM	58	\$1,135	↑	↓	↓	↓	↑	↓	↓	NA	18.1	53.07	•	Opt.	•
<b>TOP FREEZERS, 29- TO 30-INCH WIDTHS</b>															
✓ Samsung RT18M621SSG	84	\$1,150	↑	↓	↑	↑	↑	↑	↓	NA	13.0	59.58	•	•	•
✓ LG LTCS20030S	78	\$745	↑	↓	↑	↑	↑	↓	↓	NA	15.3	62.64	•	•	•
✓ Frigidaire FRTD2021AW	67	\$730	↑	↓	↑	↑	↑	↓	↓	NA	16.7	57.19	•	Opt.	•
GE GTS17GSNRSS	66	\$780	↑	↓	↑	↑	↑	↓	↓	NA	12.9	52.54	•	Opt.	•
Frigidaire FFTR1835VW	65	\$600	↑	↓	↑	↑	↑	↓	↓	NA	15.3	54.53	•	Opt.	•
Amana ARTX3028PB	64	\$700	↑	↓	↓	↑	↑	↓	↓	NA	13.8	51.87	•	Opt.	•
Frigidaire FFTR2045VB	62	\$700	↑	↓	↓	↑	↑	↓	↓	NA	16.5	56.79	•	Opt.	•
Insignia NS-RTM20SS3	61	\$650	-	-	↑	↓	↑	↓	↓	NA	16.3	51.87	•	Opt.	•



**REFRIGERATORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features					
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser

**TOP FREEZERS, 29- TO 30-INCH WIDTHS** *Continued*

Whirlpool WRT519SZDM	58	\$950	↑	↓	↓	↑	↑	↓	↓	NA	16.0	55.86		Opt.	
Maytag MRT118FFFZ	57	\$775	↑	↓	↑	↓	↑	↓	↓	NA	15.4	54.66		Opt.	
Whirlpool WRT318FZDW	56	\$600	↑	↓	↓	↑	↑	↓	↓	NA	13.8	54.66		Opt.	
Hisense HRT180N6AWD	55	\$550	-	-	↓	↓	↑	↓	↓	NA	14.9	53.60		Opt.	
Whirlpool WRT318FMDM	54	\$720	↑	↓	↓	↓	↑	↑	↓	NA	15.2	65.84			
GE GTS19KYNRFS	53	\$780	↑	↓	↓	↓	↑	↓	↓	NA	15.0	56.13		Opt.	
Midea MRT18D3BST	46	\$500	-	-	↓	↓	↑	↓	↓	NA	14.7	49.08		Opt.	

**TOP FREEZERS, 28-INCH AND NARROWER WIDTHS**

✓ Samsung RT16A6195SR	79	\$650	↑	↓	↑	↑	↑	↓	↓	NA	13.6	45.89		Opt.	
✓ Whirlpool WRT112CZJZ	76	\$590	↑	↓	↓	↑	↑	↓	↓	NA	10.5	45.89		NA	
✓ LG LT11C2000V	75	\$685	↑	↓	↑	↑	↑	↓	↓	NA	9.5	38.70			
✓ Hotpoint HPS16BTNRRWW	70	\$600	↑	↓	↑	↑	↑	↓	↓	NA	12.6	51.07		Opt.	
✓ Frigidaire FFHT1425VV	68	\$550	↑	↓	↑	↑	↑	↓	↓	NA	11.9	44.16		Opt.	
✓ Whirlpool WRT313CZLZ	66	\$700	↑	↓	↑	↑	↓	↓	↓	NA	9.3	47.35		Opt.	
✓ GE GTE17DTNRWW	65	\$705	↑	↓	↑	↑	↑	↓	↓	NA	12.9	46.82		Opt.	
✓ Danby DFF101B2WDB	64	\$625	-	-	↓	↑	↑	↓	↓	NA	8.3	39.50			
Whirlpool WRT518SZFM	62	\$650	↑	↓	↑	↓	↑	↓	↓	NA	12.7	53.20		Opt.	
Amana ART104TFDW	60	\$615	↑	↓	↓	↓	↑	↓	↓	NA	12.4	49.61		Opt.	
Hotpoint HPS18BTNRRWW	60	\$680	↑	↓	↓	↑	↑	↓	↓	NA	14.0	53.07		Opt.	
Vissani MDTF10SS	53	\$420	-	-	↓	↓	↑	↓	↓	NA	8.8	44.02			
Galanz GLR12TRDEFR	52	\$680	-	-	↓	↓	↑	↓	↓	NA	10.4	41.50		NA	
Whirlpool WRT314TFDW	47	\$600	↑	↓	↓	↓	↑	↓	↓	NA	10.9	49.61		Opt.	
GE GTS18HGNRWW	46	\$595	↑	↓	↑	↓	↑	↓	↓	NA	13.4	53.07		Opt.	

**BOTTOM FREEZERS, 31- TO 33-INCH WIDTHS**

✓ LG LRDCS2603S	85	\$1,600	↑	↓	↑	↑	↑	↑	↑	NA	17.5	74.75			
MORA MRB221N6BSE	73	\$930	-	-	↑	↑	↑	↓	↓	NA	17.3	78.07			

**BOTTOM FREEZERS, 30-INCH AND NARROWER WIDTHS**

Ⓢ LG LBNC15231V	79	\$1,300	↑	↓	↑	↑	↑	↓	↓		11.6	56.53			
✓ Beko BFBF30216SS	76	\$2,000	-	-	↑	↑	↑	↓	↓		11.2	47.22			



**REFRIGERATORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option
<b>BOTTOM FREEZERS, 30-INCH AND NARROWER WIDTHS</b> <i>Continued</i>																
✓ Amana ABB1924BRM	75	\$1,590	↑	↓	↑	↑	↑	↓	↓		12.6	59.58	•	•	•	
Ⓢ Ikea Valgrundad [704.621.58]	75	\$1,300	-	-	↑	↑	↑	↑	↓		14.0	61.98	•		•	
Midea MRB19B7AWW	72	\$900	-	-	↑	↑	↑	↓	↓		14.3	61.98	•	Opt.		
Haier HRB15N3BGS	71	\$1,255	-	-	↑	↑	↑	↑	↓	•	11.9	56.92	•		•	
Ikea Farskhet [30462155]	69	\$1,020	-	-	↑	↑	↓	↑	↓	•	8.3	50.41	•		•	
Bosch B24CB80ESW	58	\$3,100	↑	↓	↑	↑	↓	↑	↓	•	9.7	65.17	•	•	Int.	•

<b>FRENCH DOORS, 34-INCH AND WIDER WIDTHS</b>																
Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option
✓ LG LRFVS3006S	80	\$3,240	↓	↓	↑	↑	↓	↑	↑		19.6	102.41	•	•	Ext.	•
LG LRMXS2806S ⓘ	78	\$1,900	↓	↓	↑	↑	↓	↑	↑		17.6	96.29	•	•	Ext.	•
LG LRFVS28XBS	78	\$1,900	↓	↓	↑	↑	↑	↑	↑		19.4	96.56	•	•	Ext.	•
LG LRFWS2906S	77	\$1,600	↓	↓	↑	↑	↑	↓	↑		20.8	86.85	•	•	Ext.	•
LG LRFCS29D6S	77	\$1,600	↓	↓	↑	↑	↑	↑	↓		19.6	85.52	•	•		•
LG LMWS27626S ⓘ	77	\$2,200	↓	↓	↑	↑	↑	↑	↑		17.4	84.59	•	•	Int.	•
LG LRFGC2706S	77	\$2,900	↓	↓	↑	↑	↑	↑	↓		18.2	84.06	•	•	Int.	•
LG LRMD3006S ⓘ	77	\$3,000	↓	↓	↑	↑	↑	↑	↑		19.7	106.27	•	•	Ext.	•
LG LFCS27596S	76	\$2,795	↓	↓	↑	↑	↑	↑	↑		19.7	84.721	•	•		•
LG LF30S8210S ⓘ	76	\$1,800	↓	↓	↑	↑	↑	↑	↓		21.8	94.30	•	•	Int.	•
LG LF29S8330D (4-door)	76	\$2,640	↓	↓	↑	↑	↑	↑	↑		19.7	104.41	•	•	Ext.	•
GE GWE23GENDS	76	\$2,710	↓	↓	↑	↑	↓	↓	↑	•	17.2	79.27	•	•		
LG LRFWS2906V	75	\$2,110	↓	↓	↑	↑	↑	↓	↑		19.9	86.85	•	•	Ext.	•
GE GFE28GYNFS	75	\$3,300	↓	↓	↑	↑	↑	↓	↑		19.9	96.43	•	•	Ext.	•
LG LMXS28626S ⓘ	75	\$2,000	↓	↓	↑	↑	↓	↑	↑		18.1	96.29	•	•	Ext.	•
LG LRMD3006S ⓘ	75	\$2,500	↓	↓	↑	↑	↓	↑	↑	•	14.8	95.23	•	•	Ext.	•
GE Profile PVD28BYNFS ⓘ	74	\$2,345	↓	↓	↑	↑	↓	↑	↑		19.2	102.68	•	•	Ext.	•
LG LF29H8330S ⓘ	74	\$2,400	↓	↓	↑	↑	↑	↑	↑		19.9	104.40	•	•	Ext.	•
KitchenAid KRFC704FBS	74	\$4,400	↓	↓	↑	↑	↓	↑	↑	•	15.3	98.29		•	Ext.	•
Dacor DRF36C500SR ⓘ	74	\$3,500	-	-	↑	↑	↓	↑	↓	•	15.7	84.46	•	•	Int.	•
LG LRFOC2606S	74	\$2,000	↓	↓	↑	↑	↓	↑	↑		16.0	92.97	•	•	Ext.	•
Bosch B36CT80SNS	74	\$3,500	↓	↑	↑	↑	↓	↑	↑	•	12.6	75.81	•	•	Int.	•
Bosch B36FD50SNS	74	\$3,000	↓	↑	↑	↑	↓	↓	↑		17.3	93.37	•	•	Ext.	•

ⓘ 4-door model.





**REFRIGERATORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option
<b>FRENCH DOORS, 34-INCH AND WIDER WIDTHS</b> <i>Continued</i>																
GE Profile PGE29BYTFS ⓘ	73	\$2,600	↓	↓	↑	↑	↑	↓	↑		19.5	90.57	●	●	Int.	●
GE GNE27JYMFS	73	\$1,290	↓	↓	↑	↑	↑	↓	↑		18.7	84.19	●	●	Int.	●
LG LMWC23626S ⓘ	73	\$1,900	↓	↓	↑	↑	↓	↑	↓	●	14.0	78.87	●	●	Int.	●
MORA MRF266N6CSE	73	\$1,500	-	-	↑	↑	↑	↑	↑		19.5	83.52	●	●	Int.	●
Signature Kitchen Suite SKSFD3613S	73	\$3,000	↓	↑	↑	↑	↓	↓	↑	●	14.3	95.36	●	●	Ext.	●
LG LRFXS3106S	72	\$2,200	↓	↓	↑	↑	↑	↑	↑		21.5	100.42	●	●	Ext.	●
Bosch B36CL80SNS ⓘ	72	\$2,800	↓	↑	↑	↑	↓	↑	↑	●	12.9	75.54	●	●	Int.	●
KitchenAid KRMF706EBS ⓘ	72	\$4,000	↓	↓	↑	↑	↓	↑	↑		17.1	102.01		●	Ext.	●
Ikea Overskadlig [60462154] ⓘ	71	\$3,000	-	-	↑	↑	↓	↑	↓	●	15.0	87.51	●	●	Ext.	●
KitchenAid KRQC506MPS ⓘ	71	\$2,300	↓	↓	↑	↑	↓	↓	↓	●	14.0	75.68	●	●		●
Viking RVFFR336SS	71	\$4,150	-	-	↑	↑	↓	↓	↑	●	14.3	75.28	●	●	Int.	●
Whirlpool WRQA59CNKZ ⓘ	71	\$1,680	↓	↓	↑	↑	↓	↑	↓	●	13.8	75.68	●	●		●
Whirlpool WRX735SDHZ	70	\$2,100	↓	↓	↑	↑	↓	↑	↓		16.4	90.84	●	●	Ext.	●
Whirlpool WRF555SDFZ	70	\$1,750	↓	↓	↑	↑	↓	↓	↑		15.9	91.11	●	●	Ext.	●
MORA MRF211N6CSE	69	\$1,000	-	-	↑	↑	↓	↑	↑	●	15.0	76.21	●	●	Int.	●
Hisense HRF209N6CSE	69	\$1,200	-	-	↑	↑	↓	↓	↑	●	15.4	76.21	●	●	Int.	●
Café CGE29DM5TS5 ⓘ	69	\$3,735	↓	↓	↑	↑	↑	↑	↑		19.1	90.57	●	●	Int.	●
Hisense HRF266N6CSE1	68	\$1,000	-	-	↑	↑	↓	↑	↓		18.8	83.52	●	●		●
Whirlpool WRF757SDHZ	66	\$2,200	↓	↓	↑	↑	↓	↓	↓		16.3	94.43	●	●	Ext.	●
LG LFXC22526D	66	\$3,090	↓	↓	↑	↑	↓	↓	↓	●	14.3	88.45	●	●	Ext.	●
Whirlpool WRF767SDHZ	65	\$2,200	↓	↓	↑	↓	↓	↓	↑		15.4	94.43	●	●	Ext.	●
Whirlpool WRX986SIHZ ⓘ	65	\$2,650	↓	↓	↑	↑	↓	↑	↑		16.5	102.68		●	Ext.	●
KitchenAid KRFC300ESS	65	\$2,000	↓	↓	↑	↑	↓	↓	↓	●	12.5	74.88	●	●	Int.	●
Frigidaire GRMC2273BF ⓘ	64	\$1,630	↓	↓	↑	↑	↓	↓	↑	●	14.5	88.84	●	●	Ext.	●
Frigidaire Gallery GRFN2853AF	63	\$1,850	↓	↓	↑	↑	↑	↑	↓		18.7	86.72		●	Int.	●
KitchenAid KRFF577KPS	62	\$2,800	↓	↓	↑	↓	↓	↑	↑		16.7	94.43	●	●	Ext.	●
Frigidaire GRFC2353AF	61	\$2,000	↓	↓	↑	↓	↓	↓	↑	●	13.4	89.11	●	●	Ext.	●
Frigidaire GRMS2773AF ⓘ	60	\$3,200	↓	↓	↑	↑	↓	↓	↓		17.6	95.89	●	●	Ext.	●
Frigidaire FRFG232LAF	59	\$2,430	↓	↓	↑	↓	↓	↑	↓	●	15.0	79.53	●	●		●
Café CXE22DP2PS1 ⓘ	58	\$4,075	↓	↓	↑	↑	↓	↑	↑	●	13.3	92.70	●	●	Ext.	●

ⓘ 4-door model.



REFRIGERATORS

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option

**FRENCH DOORS, 34-INCH AND WIDER WIDTHS** *Continued*

<b>Fisher &amp; Paykel</b> RF201AHUSX1	58	\$3,600	↑	↑	↑	↓	↓	↓	↓	●	13.1	70.76	●	●	Ext.	●
<b>Frigidaire</b> Gallery GRFG2353AF	56	\$1,895	↓	↓	↑	↓	↓	↓	↓	●	15.3	79.53	●	●	Int.	●
<b>Samsung</b> Bespoke RF23BB8900AW <sup>(1)</sup>	56	\$2,900	↓	↓	↑	↑	↑	↑	↑	●	13.7	82.19	●	●	Int.	●
<b>Thor Kitchen</b> TRF3602	56	\$2,400	-	-	↑	↓	↓	↓	↓	●	12.9	78.20	●	●		●
<b>Samsung</b> Bespoke RF30BB6900AW	55	\$3,825	↓	↓	↑	↑	↑	↑	↑		18.6	92.17	●	●	Int.	●
<b>Samsung</b> Bespoke RF29BB8200QL <sup>(1)</sup>	55	\$2,330	↓	↓	↑	↑	↓	↑	↑		18.0	91.11	●	●		●
<b>Samsung</b> RF28R6201SR	54	\$1,350	↓	↓	↑	↑	↑	↑	↑		15.5	96.43	NA	●	NA	●
<b>Samsung</b> RF29A9671SR <sup>(1)</sup>	54	\$2,550	↓	↓	↑	↑	↑	↑	↑		20.5	93.63	●	●	Int.	●
<b>Samsung</b> RF23R6201SR	54	\$2,220	↓	↓	↑	↑	↓	↑	↑	●	15.3	92.97	●	●	Ext.	●
<b>Samsung</b> Bespoke RF30BB6600QL	54	\$1,990	↓	↓	↑	↑	↓	↑	↑		18.7	92.44	●	●	Int.	●
<b>Samsung</b> Bespoke RF24BB69006M	53	\$2,800	↓	↓	↑	↑	↓	↑	↑	●	14.3	83.39	●	●	Int.	●
<b>Samsung</b> RF30BB6602QL	53	\$3,300	↓	↓	↑	↑	↑	↑	↓		18.5	72.49	●	●	Int.	●
<b>Samsung</b> RF28T5001SR	52	\$1,000	↓	↓	↑	↑	↑	↑	↓		19.0	85.79	●	●		●
<b>Frigidaire</b> Gallery GRFS2853AF	52	\$1,900	↓	↓	↑	↓	↑	↓	↓		16.7	96.43	●	●	Ext.	
<b>Samsung</b> RF32CG5100SR	51	\$1,300	↓	↓	↑	↑	↑	↑	↓		21.1	96.56	●	●		●
<b>Samsung</b> RF27CG5900SR	50	\$2,700	↓	↓	↑	↑	↓	↑	↑		14.7	94.30	●	●	Ext.	●
<b>Samsung</b> RF31CG7400MT <sup>(1)</sup>	50	\$2,800	↓	↓	↑	↑	↓	↑	↑		16.7	102.94	●	●	Ext.	●
<b>Samsung</b> RF27T5201SG	49	\$2,700	↓	↓	↑	↑	↓	↑	↓		17.5	93.77	●	●	Ext.	●
<b>Frigidaire</b> FRFS2823AS	48	\$1,700	↓	↓	↑	↓	↓	↓	↑		16.4	96.43	●	●	Ext.	●
<b>Samsung</b> RF23A9771SR <sup>(1)</sup>	47	\$2,600	↓	↓	↑	↓	↓	↓	↑	●	15.8	83.92	●	●	Int.	●

**FRENCH DOORS, 31- TO 33-INCH WIDTHS**

<b>LG</b> LRFXS2503S	77	\$2,100	↓	↓	↑	↑	↓	↑	↑		16.9	92.04	●	●	Ext.	●
<b>LG</b> LRFCS2503S	76	\$1,400	↓	↓	↑	↑	↑	↑	↑		17.2	80.86	●	●		●
<b>GE</b> GNE25JYKFS	74	\$1,500	↓	↓	↑	↑	↑	↓	↑		16.5	81.00	●	●	Int.	●
<b>LG</b> LF21G6200S	74	\$1,500	↓	↓	↑	↑	↓	↑	↓	●	14.4	76.34	●	●		●
<b>GE</b> GNE25JSKSS	74	\$1,625	↓	↓	↑	↑	↑	↑	↓		16.4	81.00	●	●	Int.	●
<b>Galanz</b> GLR18FS5S16	70	\$1,500	-	-	↑	↑	↓	↓	↓	●	14.1	71.82	●	●		●
<b>Haier</b> QHE16HYPFS <sup>(1)</sup>	66	\$1,020	-	-	↑	↑	↑	↓	↓	●	12.3	60.12	●	Opt.		●
<b>Frigidaire</b> FRFG1723AV	58	\$1,200	↓	↓	↑	↑	↓	↓	↓	●	12.1	72.22	●	●		●

<sup>(1)</sup> 4-door model.





**REFRIGERATORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option
<b>FRENCH DOORS, 30-INCH AND NARROWER WIDTHS</b>																
LG LCFS22520S	73	\$1,300	↓	↓	↑	↑	↓	↑	↓		13.9	78.07	•	•	•	
LG LCFS22EXS	70	\$1,500	↓	↓	↑	↑	↓	↑	↑		14.7	78.07	•	•	Ext. •	
Haier QJS15HYRFS <sup>(1)</sup>	68	\$1,000	-	-	↑	↑	↓	↑	↓	•	10.6	63.71	•	Opt.	•	
Midea MRF18B4AST	66	\$1,000	-	-	↑	↑	↑	↑	↓		13.2	61.85	•		•	
Galanz GLR16FS2D08	64	\$975	-	-	↑	↑	↓	↓	↓		12.5	65.17	•		•	
Samsung RF18A5101SR	51	\$1,200	↓	↓	↑	↑	↓	↑	↑	•	12.6	71.82	•	•	•	
Samsung RF22A4221SR	50	\$1,600	↓	↓	↑	↑	↓	↑	↑		15.2	77.81	•	•	Ext. •	
<b>SIDE BY SIDES, 34-INCH AND WIDER WIDTHS</b>																
✓ LG LRSDS2706S	72	\$1,500	↓	↓	↑	↑	↑	↓	↑		19.5	92.30	•	•	Ext. •	
Ⓢ GE GSS25GYPFS	71	\$1,100	↑	↓	↑	↑	↓	↓	↑		16.3	94.16	•		Ext. •	
✓ LG LHSXS2706S	70	\$1,945	↓	↓	↑	↑	↑	↑	↑		19.8	92.30	•	•	Ext. •	
✓ GE GZS22IYNFS	69	\$1,390	↑	↓	↑	↑	↓	↓	↑	•	14.0	88.71	•		Ext. •	
✓ Whirlpool WRS588FIHZ	68	\$1,370	↓	↓	↑	↓	↑	↑	↑		20.5	99.35	•		Ext. •	
Samsung RS25J500DSR	67	\$1,000	↓	↓	↑	↑	↑	↑	↑		18.4	92.44	•		Ext. •	
Midea MRS26D5AST	66	\$1,100	-	-	↑	↓	↑	↑	↑		18.5	95.10	•		Ext. •	
Frigidaire GRSC2352AF	66	\$1,250	↓	↓	↑	↑	↑	↓	↑	•	15.7	81.80	•	•	Ext. •	
LG LRSOS2706S	66	\$1,600	↓	↓	↑	↑	↑	↓	↑		19.5	92.30	•	•	Ext. •	
GE GSS25GGPBB	66	\$1,500	↑	↓	↑	↑	↓	↑	↑		16.3	94.16	•		Ext. •	
Whirlpool WRS325SDHZ	65	\$1,350	↓	↓	↑	↑	↓	↓	↓		14.8	93.37	•		Ext. •	
LG LRSXC2306V	65	\$1,400	↓	↓	↑	↑	↓	↑	↓	•	16.3	89.64	•		Ext. •	
LG LRSWS2806S	64	\$1,150	↓	↓	↑	↑	↑	↑	↓		22.6	90.71	•		Ext. •	
Samsung RS27T5200SR	64	\$1,090	↓	↓	↑	↑	↑	↑	↑		17.4	96.82	•		Ext. •	
GE GSS25IYNFS	64	\$1,290	↑	↓	↑	↓	↑	↓	↑		17.0	93.63	•		Ext. •	
Frigidaire FRSS26L3AF	63	\$1,000	↓	↓	↑	↑	↓	↓	↑		17.3	94.43	•		Ext. •	
Frigidaire FRSS2323AS	63	\$1,050	↓	↓	↑	↑	↓	↓	↓		15.2	89.64	•		Ext. •	
LG LLSDS2706S	63	\$1,300	↓	↓	↑	↑	↑	↓	↑		20.9	96.56	•	•	Ext. •	
Samsung RS27T5561SR	63	\$1,690	↓	↓	↑	↑	↑	↑	↓		20.1	91.90	•	•	Ext. •	
Whirlpool WRS555SIHZ	62	\$1,200	↓	↓	↓	↑	↑	↓	↓		17.7	93.23	•		Ext. •	
Maytag MSC21C6MFZ	62	\$1,860	↓	↓	↑	↓	↓	↑	↑	•	14.1	86.98	•		Ext. •	
Whirlpool WRS315SNHM	61	\$700	↓	↓	↓	↑	↑	↓	↓		17.5	76.34	Opt.		•	

<sup>(1)</sup> 4-door model.





**REFRIGERATORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total useable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option

**SIDE BY SIDES, 34-INCH AND WIDER WIDTHS** *Continued*

<b>GE</b> GZS22DSJSS	61	\$2,395	↑	↓	↑	↓	↓	↑	↓	●	14.0	88.98	●	Ext.	●
<b>Samsung</b> RS22T5561SR	61	\$2,000	↓	↓	↑	↑	↑	↑	↓	●	16.6	84.59	●	Ext.	●
<b>Amana</b> ASI2575GRS	61	\$2,000	↑	↓	↓	↑	↑	↓	↓	●	12.4	93.37	●	Ext.	●
<b>Maytag</b> MRSF4036PB	61	\$1,540	↓	↓	↑	↑	↑	↓	↓	●	15.4	93.37	●	Ext.	●
<b>Whirlpool</b> WRS315SDHM	60	\$1,425	↓	↓	↓	↑	↑	↓	↓	●	16.6	93.37	●	Ext.	●
<b>Maytag</b> MSS25N4MKZ	60	\$1,100	↓	↓	↓	↑	↑	↓	↓	●	17.5	76.00	Opt.	●	●
<b>Samsung</b> Bespoke RS23CB7600QLAA	60	\$1,525	↓	↓	↑	↓	↑	↑	↓	●	17.4	79.80	●	Int.	●
<b>Samsung</b> Bespoke RS28CB760012AA	60	\$1,500	↓	↓	↑	↓	↑	↑	↓	●	20.5	87.12	●	Int.	●
<b>Beko</b> BFSB3622XSS	59	\$2,000	-	-	↑	↓	↑	↓	↓	●	15.1	79.00	●	Ext.	●
<b>Frigidaire</b> FRSC2333AS	59	\$1,150	↓	↓	↑	↓	↓	↓	↑	●	15.4	89.64	●	Ext.	●
<b>Samsung</b> RS22T5201SR	56	\$1,400	↓	↓	↑	↓	↑	↑	↓	●	17.0	85.12	●	Ext.	●
<b>KitchenAid</b> KRSC703HPS	56	\$2,700	↓	↓	↑	↑	↓	↑	↑	●	11.2	91.11	●	Ext.	●
<b>Frigidaire</b> GRSS2652AF	51	\$1,150	↓	↓	↑	↑	↑	↓	↑	●	17.1	86.05	●	Ext.	●

**SIDE BY SIDES, 31- TO 33-INCH WIDTHS**

✓ <b>GE</b> GSE23GGPWW	72	\$1,660	↑	↓	↑	↑	↓	↓	↑	●	14.9	81.80	●	Ext.	●
✓ <b>Whirlpool</b> WRS321SDHZ	60	\$1,350	↓	↓	↑	↑	↓	↓	↓	●	12.4	87.65	●	Ext.	●
<b>Whirlpool</b> WRS331SDHM	59	\$1,475	↓	↓	↑	↑	↓	↓	↓	●	13.8	80.07	●	Ext.	●

**BUILT-INS, SIDE-BY-SIDES**

✓ <b>Sub-Zero</b> Designer IT-36RID	84	\$11,000	↑	↑	↑	↑	↑	↓	↓	●	14.7	46.95	NA	NA	●
✓ <b>Sub-Zero</b> Designer IC-36RID	84	\$10,260	↑	↑	↑	↑	↑	↓	↓	●	16.3	47.88	NA	NA	●
<b>Café</b> CSB42WP2NS1	73	\$8,555	↑	↓	↑	↑	↑	↑	↑	●	19.5	102.54	NA	NA	●
<b>Viking</b> VCSB5423SS	63	\$11,930	-	-	↑	↑	↓	↑	↓	●	17.2	93.90	NA	NA	●
<b>GE</b> Monogram ZISB480DNII	60	\$11,500	↓	↓	↑	↓	↓	↓	↓	●	18.6	117.57	NA	NA	●
<b>GE</b> Monogram ZISB420DNII	56	\$10,100	↓	↓	↑	↓	↓	↓	↓	●	15.9	108.93	NA	NA	●
<b>JennAir</b> JBSFS42NMX	54	\$10,000	↓	↓	↑	↓	↓	↓	↓	●	17.4	102.94	●	●	●

**BUILT-INS, FRENCH-DOORS**

✓ <b>Dacor</b> DRF427500AP	85	\$12,000	-	-	↑	↑	↓	↑	↓	●	16.6	83.66	NA	NA	●
✓ <b>Dacor</b> DRF485300AP	84	\$12,500	-	-	↑	↑	↑	↑	↓	●	19.3	89.38	●	Int.	●
✓ <b>Dacor</b> DRF367500AP	83	\$10,000	-	-	↑	↑	↑	↑	↑	●	14.6	73.02	NA	NA	●



**REFRIGERATORS**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Thermostat control	Temperature uniformity	Energy efficiency	Noise	Ease of use	Counter depth model	Total usable capacity (cu. ft.)	Energy cost/yr. (\$)	Energy star	Icemaker	Water dispenser	Stainless/SS-look option
<b>BUILT-INS, FRENCH-DOORS</b> <i>Continued</i>																
✓ Sub-Zero Classic BI-36UFDID/O	77	\$12,060	↑	↑	↑	↑	↓	↓	↑	●	14.7	86.98	NA	●	NA	●
✓ KitchenAid KBFN502ESS	77	\$10,080	↓	↓	↑	↑	↓	↑	↓	●	17.0	84.19	NA	●	NA	●
✓ Bosch Benchmark B36IT905NP	77	\$8,700	↑	↑	↑	↑	↓	↓	↑	●	13.2	77.01	NA	●	NA	●
Miele PerfectCool KFNF9955IDE	75	\$8,100	↑	↑	↑	↑	↓	↑	↑	●	13.7	73.95	NA	●	NA	●
Fisher & Paykel ActiveSmart RS36A80J1N	55	\$6,725	-	-	↑	↓	↓	↓	↓	●	11.3	74.61	NA	●	NA	●
<b>BUILT INS, BOTTOM-FREEZERS</b>																
✓ Sub-Zero DET3650CIIDR	80	\$11,080	↑	↑	↑	↑	↓	↓	↓	●	14.3	78.87	NA	●	NA	●
✓ Thermador Freedom Collection T30IB905SP	77	\$9,500	↑	↓	↑	↑	↓	↓	↑	●	11.5	62.51	NA	●	NA	●
✓ Thermador Freedom Collection T36BB915SS	77	\$11,500	↑	↓	↑	↑	↑	↓	↓	●	14.5	67.03	NA	●	NA	●
✓ KitchenAid KBBR306ESS	76	\$7,905	↓	↓	↑	↑	↓	↑	↑	●	14.9	79.67	NA	●	NA	●
✓ ZLine RBIV-304-30	74	\$7,000	-	-	↑	↑	↑	↓	↓	●	12.1	73.28	●	●	Int.	●
Bosch Benchmark B30IB905SP	73	\$8,000	↑	↑	↑	↑	↓	↓	↓	●	11.5	62.51	NA	●	NA	●
Viking VCBB5363ERSS	69	\$11,260	-	-	↑	↑	↓	↑	↓	●	15.0	86.32	NA	●	NA	●
Sub-Zero Designer DET3050CIID	69	\$10,600	↑	↑	↑	↑	↓	↓	↓	●	11.2	73.95	NA	●	NA	●
Fisher & Paykel RS2474BRU1	50	\$4,000	-	-	↑	↑	↓	↓	↑	●	6.9	50.81	●	●	Int.	●

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from

CR's 2021, 2022, and 2023 Spring Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the refrigerator they bought. In cases where we have insufficient data to provide a brand-level rating, indicated by a gray dash (-), the model gets

weighted category average scores for reliability and satisfaction. Thermostat control looks at the appliance's ability to achieve and maintain a set temperature despite changes in room temperature. Temperature uniformity is based on how well a model minimizes warm and cold spots. Energy efficiency

is energy consumption per cubic foot of measured usable storage space. Noise is measured with the compressors running. Ease of use assesses features and design, including layout, controls, and lighting. Price is approximate retail.



# Ranges

Your kitchen range choice is largely dictated by whether you use gas or electric fuel. Both types perform well in our tests. If you want the rapid response of gas, but only have an electric hookup, consider induction, which offers fast heating and steady simmering.

### What to Look For

- Start with your power source—gas or electric. Dual-fuel ranges have an electric oven and gas cooktop burners, so they require a gas line and a 240-volt electric outlet.
- At least five oven-rack positions offer more flexibility when baking and roasting.

■ For home cooks who host often, double ovens allow you to cook two dishes simultaneously, at different temperatures.

### What to Skip

- Don't shop by Btu. Higher British thermal units don't guarantee faster heating in our tests of gas ranges.

Neither does a higher wattage burner on an electric range.

### What You'll Pay

- Between \$700 and \$3,000 for most ranges. You'll find coil models (not shown below; see CR.org/ranges) for less than \$700 and pro-style options that run more than \$3,000.

### BUYING ADVICE

Generally, more expensive pro-style ranges aren't the best-performing models we test.

For more buying advice, go to [CR.org/ranges](https://www.crisp.org/ranges).

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features					
			Predicted reliability	Owner satisfaction	Cooktop high	Cooktop low	Baking	Broiling	Oven capacity	Self-cleaning	Claimed oven capacity (cu. ft.)	High-power elements	Medium-power elements	Low-power elements	Convection mode	WiFi
<b>SMOOTHTOP SINGLE OVEN (30-INCH)</b>																
✓ Frigidaire Gallery GCFE3060BF	89	\$1,100	↑	↓	↑	↑	↑	↑	↑	↑	6.2	1	2	1	•	
✓ GE Profile PSS93YPFS	88	\$1,800	↑	↓	↑	↑	↑	↑	↑	NA	5.3	1	2	1	•	•
Ⓢ LG LREL6321S	88	\$750	↑	↓	↑	↑	↑	↑	↑	NA	6.3	2	0	2		•
✓ LG LSEL6337D	86	\$2,000	↑	↓	↑	↑	↑	↑	↑	↑	6.3	2	0	2	•	•
Ⓢ LG LREL6325F	85	\$1,000	↑	↓	↑	↑	↑	↑	↑	↑	6.3	2	0	2	•	•
✓ GE JB735SPSS	85	\$1,100	↑	↓	↑	↑	↑	↓	↑	↑	5.3	2	0	2	•	
✓ GE Profile PB935YPFS	84	\$1,120	↑	↓	↑	↑	↑	↑	↑	↑	5.3	1	2	1	•	•
✓ Samsung NE63T8711SS	83	\$1,650	↓	↓	↑	↑	↑	↑	↑	↑	6.3	2	0	2	•	•
✓ LG LSEL6333F	83	\$1,200	↑	↓	↑	↑	↑	↑	↑	↓	6.3	2	0	2	•	•
✓ Bosch HEI8056U	82	\$2,160	↑	↓	↑	↑	↑	↑	↑	↑	5.9	2	0	2	•	
Ⓢ Samsung NE63A6711SS	81	\$900	↓	↓	↑	↑	↑	↑	↑	↑	6.3	1	2	1	•	•
Ⓢ Frigidaire FCFE3083AS	81	\$860	↑	↓	↑	↑	↑	↑	↑	↑	5.3	2	0	2	•	



**RANGES**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features					
			Predicted reliability	Owner satisfaction	Cooktop high	Cooktop low	Baking	Broiling	Oven capacity	Self-cleaning	Claimed oven capacity (cu. ft.)	High-power elements	Medium-power elements	Low-power elements	Convection mode	WiFi
<b>SMOOTHTOP SINGLE OVEN (30-INCH) <i>Continued</i></b>																
✓ GE Profile PB900YVFS	81	\$1,205	↑	↓	↑	↑	↑	↑	↑	↓	6.2	2	2	0	•	•
Frigidaire Gallery FGEH3047VF	80	\$1,520	↑	↓	↑	↑	↑	↑	↑	↑	5.4	2	0	2	•	
Samsung NE63T811SS	80	\$1,125	↓	↓	↑	↑	↑	↑	↑	↑	6.3	2	0	2		•
Frigidaire Gallery GCRE302LAF	76	\$1,050	↑	↓	↑	↑	↓	↑	↑	↑	5.4	2	0	2		
Hisense HBE3501CPS	75	\$650	↓	↓	↑	↑	↑	↓	↑	↑	5.8	2	0	2	•	
GE JS645SLSS	74	\$715	↑	↓	↑	↓	↓	↓	↑	↑	5.3	2	0	2		
Frigidaire FFEH3054US	72	\$1,180	↑	↓	↑	↓	↓	↑	↑	↑	5.0	2	0	2		
Frigidaire FFEF3054TS	72	\$1,000	↑	↓	↑	↑	↓	↓	↑	↑	5.3	2	0	2		
GE JBS60RKSS	71	\$805	↑	↓	↑	↓	↓	↑	↑	NA	5.3	1	1	2		
Samsung NE63A6311SS	69	\$730	↓	↓	↑	↑	↑	↓	↑	↑	6.3	2	0	2		•
Whirlpool WEE515SOLS	69	\$900	↑	↓	↑	↓	↑	↓	↑	↑	4.8	2	0	2		
Café CES700P2MS1	68	\$2,300	↑	↓	↑	↑	↑	↓	↑	↓	5.7	1	2	1	•	•
Amana AER6603SMS	66	\$650	↑	↓	↑	↑	↓	↓	↑	↓	4.8	1	1	2		
Maytag MER8800FZ	66	\$955	↓	↓	↑	↑	↑	↑	↑	↓	6.4	2	0	2	•	
KitchenAid KFEG504KPS	64	\$1,000	↓	↓	↑	↑	↑	↓	↑	↓	6.4	2	0	2	•	
Haier QSS740RNSS	64	\$1,730	-	-	↑	↑	↑	↓	↑	NA	5.7	1	1	2	•	•
Amana AER6303MMS	62	\$595	↑	↓	↓	↑	↓	↓	↑	NA	4.8	0	2	2		
Frigidaire FCFE3062AS	62	\$800	↑	↓	↑	↑	↓	↓	↑	NA	5.3	2	0	2		
Whirlpool WFE550SOLZ	61	\$920	↑	↓	↑	↑	↓	↓	↑	↓	5.3	2	0	2	•	
Whirlpool WFE775HOHZ	60	\$995	↑	↓	↑	↑	↓	↓	↑	↓	6.4	2	0	2	•	
KitchenAid KSEB900ESS	59	\$2,120	↓	↓	↑	↑	↓	↑	↑	↓	7.1	2	0	2	•	
GE JB480DTBB	58	\$1,135	↑	↓	↓	↑	↓	↓	↑	↓	5.0	0	4	0		
Samsung NE59T4311SS	58	\$650	↓	↓	↑	↑	↓	↓	↑	↑	5.9	2	0	2		
Maytag MER6600FB	58	\$970	↓	↓	↑	↑	↓	↓	↑	↓	5.3	2	0	2		
Whirlpool WFE975HOHV	56	\$1,525	↑	↓	↑	↓	↑	↓	↑	↓	6.4	2	0	2	•	•
Whirlpool WEE745HOLZ	56	\$1,200	↑	↓	↑	↓	↑	↑	↑	↓	6.4	2	0	2	•	
JennAir JES1450ML	55	\$3,200	↓	↓	↑	↑	↓	↑	↑	↓	6.8	2	0	2	•	
Maytag MER4600LS	55	\$700	↓	↓	↑	↑	↓	↓	↑	NA	5.3	2	0	2		
Frigidaire FCRE3052AS	54	\$830	↑	↓	↑	↑	↓	↓	↑	NA	5.3	2	0	2		



**RANGES**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features					
			Predicted reliability	Owner satisfaction	Cooktop high	Cooktop low	Baking	Broiling	Oven capacity	Self-cleaning	Claimed oven capacity (cu. ft.)	High-power elements	Medium-power elements	Low-power elements	Convection mode	WiFi
<b>SMOOTHTOP SINGLE OVEN (30-INCH) <i>Continued</i></b>																
Whirlpool WFE535S0LZ	54	\$730	↑	↓	↑	↓	↑	↓	↑	↑	5.3	2	0	2	•	
Whirlpool WFE505W0HB	51	\$755	↑	↓	↑	↑	↑	↓	↑	NA	5.3	2	0	2		
Ikea Lagan 804.620.54	51	\$760	–	–	↑	↑	↓	↓	↑	NA	5.3	2	0	2		
Whirlpool WFE320M0JS	50	\$850	↑	↓	↑	↑	↑	↓	↑	NA	5.3	2	0	2		
Whirlpool WFE525S0JZ	47	\$995	↑	↓	↑	↑	↓	↓	↑	↑	5.3	2	0	2		
Insignia NS-RGRCESS4	43	\$550	–	–	↓	↑	↓	↓	↑	NA	5.0	0	4	0		
Maytag MER7700LZ	43	\$800	↓	↓	↑	↓	↓	↓	↑	↑	5.3	2	0	2	•	
<b>SMOOTHTOP DOUBLE OVEN (30-INCH)</b>																
LG LDE4413ST	81	\$1,200	↑	↓	↑	↑	↑	↓	↑	↑	7.3	2	0	2	•	•
Samsung NE63T8751SG	81	\$2,155	↓	↓	↑	↑	↑	↑	↑	↑	6.3	2	0	2	•	•
Samsung NE63A6751SS	79	\$1,100	↓	↓	↑	↑	↑	↑	↑	↑	6.3	1	2	1	•	•
KitchenAid KFED500EBS	79	\$2,340	↓	↓	↑	↑	↑	↑	↑	↓	6.7	2	0	2	•	
Café CES750P4MW2	77	\$2,965	↑	↓	↑	↑	↑	↑	↑	↑	6.7	1	3	0	•	•
GE JBS86SPSS	77	\$1,390	↑	↓	↑	↑	↓	↓	↑	NA	6.6	2	0	2	•	
Maytag MET8800FZ	74	\$1,520	↓	↓	↑	↑	↑	↓	↑	↓	6.7	1	2	1	•	
Whirlpool WGE745C0FS	73	\$1,500	↑	↓	↑	↓	↑	↓	↑	↑	6.7	2	0	2	•	
<b>ELECTRIC INDUCTION</b>																
Frigidaire Gallery GCFI3060BF	92	\$1,400	↑	↑	↑	↑	↑	↑	↑	↑	6.2	5	0	0	•	
GE Profile PHS93XPFS	90	\$4,000	↑	↑	↑	↑	↑	↑	↑	NA	5.3	3	1	0	•	•
LG LSIL6336FE	88	\$2,500	↑	↑	↑	↓	↑	↑	↑	↑	6.3	2	2	0	•	•
Samsung NE63T8951SG	85	\$3,820	↓	↓	↑	↑	↑	↑	↑	↑	6.3	3	1	0	•	•
Ikea Tvarsaker 404.660.06	82	\$1,400	–	–	↑	↑	↑	↑	↑	↑	5.4	4	0	0	•	
Frigidaire Gallery FCFI3083AS	80	\$995	↑	↑	↑	↓	↓	↑	↑	↑	5.3	4	0	0	•	
Samsung NE63B8211SS	80	\$1,485	↓	↓	↑	↑	↑	↑	↑	↑	6.3	3	1	0		•
Café CHS90XP2MS1	77	\$4,480	–	–	↑	↑	↑	↓	↑	NA	5.7	3	1	0	•	•
Bosch 800 Series HIS8055U	70	\$3,955	↑	↑	↑	↑	↓	↓	↑	NA	3.9	4	0	0	•	
JennAir Rise JIS1450ML	65	\$4,000	↑	↓	↑	↑	↓	↑	↑	↓	6.4	4	0	0	•	
KitchenAid KSIS730PSS	61	\$3,400	↓	↓	↑	↑	↓	↑	↑	↓	6.4	4	0	0	•	



**RANGES**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features					
			Predicted reliability	Owner satisfaction	Cooktop high	Cooktop low	Baking	Broiling	Oven capacity	Self-cleaning	Claimed oven capacity (cu. ft.)	High-power burners	Medium-power burners	Low-power burners	Convection mode	WiFi
<b>GAS AND DUAL-FUEL SINGLE OVEN (30-INCH)</b>																
✓ LG LSDL6336F Dual fuel	85	\$2,200	↑	↓	↑	↑	↑	↑	↑	↑	6.3	2	2	1	•	•
✓ LG LSGL6335D	81	\$1,500	↑	↓	↑	↑	↑	↓	↑	↑	6.3	2	2	1	•	•
✓ GE Profile PGS930YPFS	79	\$2,450	↑	↓	↑	↑	↑	↑	↑	↑	5.6	2	2	1	•	•
✓ LG Studio LSGS6338F	79	\$2,400	↑	↓	↑	↑	↑	↓	↑	↓	6.3	2	2	1	•	•
✓ Samsung NX60T8711SS	77	\$1,490	↑	↓	↑	↑	↑	↓	↑	↑	6.0	2	2	1	•	•
✓ Café C2S900P2MS1 Dual fuel	77	\$3,270	↓	↓	↑	↑	↑	↓	↑	↑	5.7	3	2	1	•	•
✓ GE JGS760SPSS	76	\$2,000	↑	↓	↑	↑	↑	↑	↑	↑	5.6	2	2	1	•	•
Ⓢ GE JGB735SPSS	75	\$850	↑	↓	↑	↑	↑	↓	↑	↑	5.0	2	2	1	•	•
Ⓢ GE JGBS30DEKWW	75	\$530	↑	↓	↓	↑	↑	↓	↑	NA	4.8	1	2	1	•	•
✓ GE JGSS61SPSS	74	\$1,230	↑	↓	↓	↑	↑	↑	↑	NA	5.3	2	1	1	•	•
✓ Samsung NX60T8111SS	74	\$1,170	↑	↓	↓	↑	↑	↓	↑	↓	6.0	2	2	1	•	•
Ⓢ GE JGBS66REKSS	74	\$700	↑	↓	↓	↑	↑	↓	↑	NA	5.0	2	2	1	•	•
✓ Café CGB500P2MS1	74	\$1,525	↓	↓	↑	↑	↑	↑	↑	↑	5.6	2	2	1	•	•
Ⓢ LG LRGL5823S	73	\$875	↑	↓	↑	↑	↓	↓	↑	↓	5.8	2	2	1	•	•
Ⓢ GE JGBS61RPSS	72	\$630	↑	↓	↓	↑	↑	↓	↑	NA	4.8	1	2	1	•	•
✓ Samsung NX60T8511SS	71	\$1,095	↑	↓	↑	↑	↓	↓	↑	↓	6.0	2	2	1	•	•
✓ Frigidaire Professional PCFG3078AF	71	\$1,600	↑	↓	↑	↑	↓	↓	↓	↑	5.6	3	1	1	•	•
✓ Haier QGSS740RNSS	71	\$1,880	–	–	↓	↑	↑	↑	↑	NA	5.6	2	1	1	•	•
Ikea Grundlagga 302.620.42	70	\$1,300	–	–	↑	↑	↑	↓	↑	↑	5.0	2	2	1	•	•
LG LSGL5831F	70	\$1,100	↑	↓	↑	↑	↓	↓	↑	↑	5.8	2	2	1	•	•
Café CGS700M2NS5	69	\$3,240	↓	↓	↑	↑	↑	↑	↓	↓	5.6	3	2	1	•	•
Samsung NX60A6111SS	68	\$810	↑	↓	↑	↑	↓	↓	↑	NA	6.0	2	2	1	•	•
LG LRG3194ST	67	\$1,100	↑	↓	↓	↑	↑	↓	↑	↓	5.4	2	2	1	•	•
GE JGB635REKSS	66	\$885	↑	↓	↓	↑	↓	↓	↓	↓	5.0	1	2	1	•	•
Frigidaire Gallery FGGH3047VF	64	\$1,785	↑	↓	↑	↑	↓	↓	↑	↑	5.6	2	2	1	•	•
Bosch 800 Series HDI8056U Dual fuel	64	\$2,940	↑	↓	↓	↑	↑	↓	↑	↓	4.6	2	1	2	•	•
GE JGBS60DEKWW	63	\$660	↑	↓	↓	↑	↓	↓	↑	NA	4.8	1	2	1	•	•
Frigidaire FFGF3054TS	62	\$950	↑	↓	↑	↑	↓	↓	↑	↑	5.0	2	2	1	•	•
Samsung NX60A6311SS	60	\$700	↑	↓	↑	↑	↑	↓	↑	↓	6.0	2	2	1	•	•
LG LRGL5821S	58	\$850	↑	↓	↓	↑	↓	↓	↑	NA	5.8	2	2	1	•	•



**RANGES**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features					
			Predicted reliability	Owner satisfaction	Cooktop high	Cooktop low	Baking	Broiling	Oven capacity	Self-cleaning	Claimed oven capacity (cu. ft.)	High-power burners	Medium-power burners	Low-power burners	Convection mode	WiFi
<b>GAS AND DUAL-FUEL SINGLE OVEN (30-INCH) <i>Continued</i></b>																
KitchenAid KSGG700ESS	55	\$1,800	↓	↓	↓	↓	↑	↓	↑	↓	5.8	2	2	1	•	
Bosch 800 Series HG18056UC	53	\$2,290	↑	↓	↓	↓	↑	↓	↓	↓	4.8	2	1	2	•	
Electrolux ECFD3068AS Dual fuel	52	\$3,530	↓	↓	↓	↑	↑	↓	↑	NA	4.6	4	0	1	•	
Whirlpool WFG775H0HV	49	\$1,050	↓	↓	↑	↓	↑	↓	↑	↓	5.8	2	2	1	•	
Frigidaire Gallery GCFG3060BF	47	\$1,300	↑	↓	↑	↓	↓	↓	↑	↑	6.0	2	2	1	•	
Maytag MGR8800FZ	47	\$1,075	↓	↓	↑	↓	↑	↓	↑	↓	5.8	2	2	1	•	
Hisense HBG3601CPS	46	\$750	↓	↓	↑	↓	↓	↓	↑	↑	5.8	2	2	2	•	
Hotpoint RGBS330DRWW	46	\$530	↓	↓	↓	↑	↓	↓	↑	NA	4.8	1	2	1		
Whirlpool WFG505M0MS	45	\$705	↓	↓	↓	↓	↓	↓	↑	NA	5.1	2	2	1		
Whirlpool WEG745H0LZ	43	\$1,300	↓	↓	↓	↓	↑	↓	↑	↓	5.8	2	2	1	•	
KitchenAid KFGG500ESS	42	\$1,000	↓	↓	↑	↓	↑	↓	↑	↓	5.8	2	2	1	•	
Whirlpool WFG975H0HV	42	\$1,565	↓	↓	↑	↓	↑	↓	↑	↓	5.8	2	2	1	•	•
Electrolux ECFG3068AS	41	\$3,300	↓	↓	↑	↓	↓	↓	↑	NA	4.5	4	1	0	•	
Frigidaire FCRG3052AS	40	\$990	↑	↓	↑	↑	↑	↓	↓	NA	5.0	2	2	1		
Maytag MGR6600FB	40	\$1,000	↓	↓	↓	↓	↑	↓	↑	↑	5.0	2	2	1		
Whirlpool WFG550S0LZ	38	\$980	↓	↓	↓	↓	↓	↓	↑	↑	5.0	2	2	1	•	
Thor Kitchen LRG3001U	38	\$1,800	–	–	↑	↓	↓	↓	↑	NA	4.55	1	2	2	•	
Amana AGR5330BAS	37	\$810	↓	↓	↓	↓	↑	↓	↑	NA	5.1	0	3	1		
Whirlpool WFG525S0JZ	33	\$880	↓	↓	↓	↓	↑	↓	↑	↑	5.0	2	2	1		
Frigidaire FCFG3062AS	32	\$800	↑	↓	↑	↓	↓	↓	↑	NA	5.1	2	2	1		
Frigidaire FCRG3083AS	31	\$800	↑	↓	↑	↓	↑	↓	↑	↓	5.1	2	2	1	•	
Frigidaire FCRG3051BS	30	\$775	↑	↓	↓	↓	↓	↓	↑	NA	5.1	0	4	0		
Frigidaire FCFG3083AS	29	\$795	↑	↓	↑	↓	↑	↓	↑	↓	5.1	2	2	1	•	
Whirlpool WEG515S0LS	29	\$1,000	↓	↓	↓	↓	↑	↓	↑	↑	5.0	2	1	1		
<b>GAS AND DUAL-FUEL DOUBLE OVEN (30-INCH)</b>																
✓ GE Profile PGB965YPFS	80	\$2,300	↑	↓	↑	↑	↑	↓	↑	↓	6.8	2	2	1	•	•
✓ LG LTGL6937F	79	\$2,600	↑	↓	↑	↑	↑	↓	↑	↓	6.9	2	2	1	•	•
✓ LG Signature LUTD4919SN Dual fuel	77	\$3,600	↑	↓	↑	↑	↑	↑	↑	↑	7.3	2	2	1	•	•
💰 GE JGBS86SPSS	75	\$1,500	↑	↓	↓	↑	↑	↑	↑	NA	6.8	2	2	1	•	



RANGES

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features					
			Predicted reliability	Owner satisfaction	Cooktop high	Cooktop low	Baking	Broiling	Oven capacity	Self-cleaning	Claimed oven capacity (cu. ft.)	High-power burners	Medium-power burners	Low-power burners	Convection mode	WiFi
<b>GAS AND DUAL-FUEL DOUBLE OVEN (30-INCH) <i>Continued</i></b>																
✓ Café CGS750P4MW2	75	\$3,200	↓	↓	↑	↑	↓	↑	↑	↑	6.7	3	2	1	•	•
✓ Café C2S950P2MS1	75	\$3,500	↓	↓	↑	↑	↑	↓	↑	↑	7.0	3	2	1	•	•
✓ GE JGSS86SPSS	74	\$2,255	↑	↓	↑	↑	↓	↑	↑	NA	6.7	2	2	1	•	•
Samsung NX60T8751SG	69	\$2,400	↑	↓	↑	↑	↑	↓	↑	↑	6.0	2	2	1	•	•
Samsung NX60A6751SS	60	\$1,100	↑	↓	↑	↑	↑	↓	↑	↓	6.0	2	2	1	•	•
KitchenAid KFGD500ESS	52	\$2,000	↓	↓	↓	↑	↑	↓	↑	↑	6.0	1	2	2	•	•
<b>PRO-STYLE GAS AND DUAL-FUEL (36-INCH)</b>																
Electrolux ECFD3668AS Dual fuel	66	\$4,700	–	–	↓	↑	↑	↓	↑	NA	4.4	6	0	0	•	•
JennAir JGRP436HL	55	\$6,700	↓	↓	↑	↑	↑	↓	↑	↓	5.1	5	1	0	•	•
Thor Kitchen LRG3601U	46	\$2,400	–	–	↑	↓	↓	↓	↑	NA	6.0	4	2	0	•	•
<b>PRO-STYLE GAS AND DUAL-FUEL (30-INCH)</b>																
✓ Monogram ZGP304NTSS	78	\$5,600	↓	↑	↑	↑	↑	↑	↑	NA	5.7	4	0	0	•	•
KitchenAid KFDC500JSS Dual fuel	67	\$5,055	↓	↓	↑	↑	↑	↑	↓	↓	4.1	3	0	1	•	•
Wolf GR304	62	\$5,820	↑	↑	↓	↑	↓	↓	↑	NA	4.4	3	1	0	•	•
Dacor Transitional DOP30T840GS	51	\$4,800	↓	↓	↑	↓	↓	↑	↑	↓	6.0	3	1	0	•	•
Viking 5 Series VGIC53024BSS	50	\$5,100	↓	↓	↓	↓	↓	↑	↓	NA	4.0	4	0	0	•	•
Thermador Pro Harmony PRG305WH	50	\$6,000	↓	↑	↓	↑	↓	↑	↓	NA	4.4	2	3	0	•	•
KitchenAid KFGC500JPA	42	\$4,410	↓	↓	↓	↑	↑	↓	↓	↑	4.1	3	0	1	•	•
ZLine RA30 Dual fuel	41	\$2,400	–	–	↑	↓	↓	↓	↓	NA	4.0	2	1	1	•	•
Bosch 800 Series HGS8055UC	35	\$2,960	↓	↓	↑	↓	↓	↓	↑	NA	3.7	1	2	2	•	•
Viking 5 Series VGR5304BSS	34	\$5,750	↓	↓	↑	↓	↓	↑	↓	NA	4.0	4	0	0	•	•
Fisher & Paykel Classic Series 7 OR30SCG4X1	25	\$4,700	–	–	↑	↓	↓	↓	↓	NA	3.5	2	2	0	•	•

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from CR's 2021, 2022, and 2023 Spring

Quarterly surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the range they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (–), we give the model weighted category average scores for reliability and satisfaction. Cooktop

high reflects how quickly the most powerful element heated a large pot of water to near-boil. Cooktop low is how well the lowest-powered element held a low heat, as for melting chocolate, and how well the most powerful element, set on low, held tomato sauce below a boil. Baking reflects even browning of cakes and cookies in multitrack baking

tests. Broiling is how hot and how evenly the broiler heats. Oven capacity is our evaluation of usable space. Self-cleaning is that cycle's effectiveness after the oven is coated with a mixture of eggs, lard, cheese, cherry pie filling, tomato puree, and tapioca. Price is approximate retail.





VACUUMS

Brand + Model	Overall Score	Price	Survey Results		Test Results							Features		
			Predicted reliability	Owner satisfaction	Carpet	Bare floors	Hose suction	Clean emissions	Handling	Pet hair	Noise	Weight (lb.)	Cord length (ft.)	
<b>BAGLESS UPRIGHT VACUUMS</b> <i>Continued</i>														
Shark APEX DuoClean Zero-M Powered Lift-Away AZ1002	68	\$450	↑	↑	↓	↑	↑	↑	↑	↓	↑	↓	17	30
Bissell Pet Hair Eraser Lift-Off 2087	67	\$325	↓	↓	↑	↑	↓	↑	↑	↑	↓	18	30	
Dyson Ball 3 Animal	66	\$400	↓	↓	↑	↑	↑	↑	↓	↑	↓	18	36	
Bissell MultiClean Allergen Pet 2849	65	\$190	↓	↓	↓	↑	↓	↑	↑	↑	↓	14	30	
Shark Navigator Pet Pro ZU62	64	\$325	↑	↑	↓	↑	↓	↑	↑	↑	↓	15	25	
Bissell MultiClean Allergen Pet Lift-Off 2998	63	\$230	↓	↓	↓	↑	↓	↑	↑	↑	↓	15	30	
<b>BAGGED UPRIGHT VACUUMS</b>														
🏷️ Kenmore Elite Pet Friendly 31150	77	\$300	↓	↓	↑	↑	↑	↑	↓	↑	↓	21	35	
🏷️ Kenmore BU1018	75	\$360	↓	↓	↑	↑	↑	↑	↓	↑	↓	21	30	
✓ Kirby Avalir 2	75	\$2,000	↑	↓	↑	↑	↑	↑	↓	↑	↓	23	29	
🏷️ Kenmore Intuition BU4050	74	\$200	↓	↓	↑	↑	↓	↑	↑	↑	↓	15	30	
🏷️ Kenmore Pet Friendly 31140	73	\$300	↓	↓	↑	↑	↑	↑	↓	↑	↓	20	29	
Oreck Elevate Command	61	\$450	↓	↓	↑	↑	↓	↑	↑	↑	↓	11	30	
Oreck Elevate Conquer	61	\$525	↓	↓	↑	↑	↓	↑	↑	↑	↓	12	35	
<b>BAGLESS CANISTER VACUUMS</b>														
✓ Miele Blizzard CX1 Cat & Dog	76	\$1,000	↑	↑	↓	↑	↑	↑	↓	↑	↑	15	21	
🏷️ Kenmore 22614	72	\$350	↓	↓	↑	↑	↑	↑	↓	↑	↓	23	24	
<b>BAGGED CANISTER VACUUMS</b>														
✓ Miele Complete C3 Marin	81	\$1,400	↑	↑	↓	↑	↑	↑	↓	↑	↑	22	25	
🏷️ Kenmore Elite Pet Friendly UltraPlush 81714	76	\$400	↓	↓	↑	↑	↑	↑	↓	↑	↓	25	26	
✓ Kenmore Elite Pet Friendly CrossOver 21814	76	\$450	↓	↓	↑	↑	↑	↑	↓	↑	↓	26	27	
🏷️ Kenmore Pop-N-Go BC4026	76	\$300	↓	↓	↑	↑	↑	↑	↓	↑	↑	22	26	
🏷️ Kenmore 200 Series BC4002	75	\$250	↓	↓	↑	↑	↑	↑	↓	↑	↓	19	24	
✓ Kenmore Pop-N-Go UltraPlush BC4027	74	\$400	↓	↓	↓	↑	↑	↑	↓	↑	↑	21	26	
🏷️ Kenmore 400 Series 81414	73	\$330	↓	↓	↑	↑	↑	↓	↓	↑	↓	19	25	
🏷️ Kenmore 200 Series 81214	72	\$260	↓	↓	↑	↑	↑	↑	↓	↑	↓	19	24	
✓ Miele Complete C3 Calima Powerline SGFE0	68	\$840	↑	↑	↓	↑	↑	↑	↓	↑	↑	16	24	
Miele Compact C1 Turbo Team Powerline SCAE0	62	\$580	↑	↑	↓	↑	↓	↑	↑	↑	↑	15	18	



VACUUMS

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features			
			Predicted reliability	Owner satisfaction	Carpet	Bare floors	Edges	Noise	Pet hair	Clean emissions	Run time (min.)	Charge time (hr.)	Weight (lb.)	Battery type
<b>CORDED STICK VACS</b>														
✓ Shark Vertex Ultralight HZ2002	76	\$260	↑	↑	↓	↑	↑	↑	↑	↓	NA	NA	9.0	Corded model
✓ Shark UltraLight PetPro HZ702	72	\$260	↑	↑	↓	↑	↑	↑	↑	↓	NA	NA	8.1	Corded model
<b>CORDLESS STICK VACS</b>														
✓ Samsung Bespoke Jet AI VS28C9762UK/AA	86	\$900	↑	↑	↑	↑	↑	↑	↑	↑	55	6	7.0	25.2 lithium ion
✓ Miele Triflex HX2	80	\$750	↑	↑	↓	↑	↑	↑	↑	↑	20	4	8.0	lithium ion
✓ Miele Triflex HX1 Facelift SMUL1	79	\$600	↑	↑	↓	↑	↑	↑	↑	↑	25	4	8.0	lithium ion
✓ Shark Vertex Pro IZ662H	75	\$450	↓	↑	↓	↑	↑	↑	↑	↑	30	4	8.9	lithium ion
✓ Shark Stratos IZ862H	74	\$500	↓	↑	↓	↑	↑	↑	↑	↑	40	4	8.9	25.2v lithium ion
Miele Triflex HX1 SMUL0	73	\$500	↑	↑	↓	↑	↑	↑	↑	↑	25	4	8.0	lithium ion
Tineco Pure One S12	71	\$600	-	-	↓	↑	↑	↑	↑	↑	15	4	6.6	21.6 volt Lithium ion
Dyson Outsize+	70	\$900	↓	↑	↑	↑	↑	↑	↑	↑	45	5	7.8	25.2 lithium ion
Hoover ONEPWR Blade Max BH53350	70	\$350	↓	↓	↓	↑	↑	↑	↑	↑	20	4	5.6	20.0 volt lithium ion
Dyson V15 Detect+ Cordless	69	\$750	↓	↑	↑	↑	↑	↑	↑	↑	40	5	7.1	25.2 lithium ion
Dyson Gen5detect	68	\$950	↓	↑	↑	↑	↑	↑	↑	↑	40	5	7.6	36v lithium ion
Shark Vertex Ultra IZ462H	68	\$350	↓	↑	↓	↑	↑	↑	↑	↑	30	3	9.0	lithium ion
Dyson Gen5outsize	67	\$1,050	↓	↑	↑	↑	↑	↑	↑	↑	40	5	8.5	36v lithium ion
Greenworks 24V Green 4705202	67	\$260	-	-	↓	↓	↑	↑	↑	↓	25	1	6.5	21.6 lithium ion
Dyson V11 Outsize	67	\$800	↓	↑	↓	↑	↑	↑	↑	↑	40	5	7.9	25.2 volt lithium ion
Dyson V15 Detect	67	\$700	↓	↑	↓	↑	↑	↑	↑	↑	40	5	6.85	25.2 lithium ion
Tineco A10-D Plus	66	\$150	-	-	↓	↑	↑	↑	↑	↑	15	4	4.99	22.2V Li-Ion
Electrolux Ultimate800 EHVS85P3AG	65	\$600	↓	↓	↓	↓	↑	↑	↑	↑	20	3	6.5	25.2 v lithium ion
Shark Rocket Pro IZ140	65	\$250	↓	↑	↓	↑	↓	↑	↑	↓	20	3	7.7	21.6 volt lithium ion
Dyson V8 Absolute	65	\$500	↓	↑	↓	↑	↑	↑	↑	↑	20	5	5.6	21.6 volt lithium ion
LG CordZero All-In-One 939KBGS	64	\$1,030	↓	↑	↓	↑	↑	↑	↑	↓	30	4	6.1	25.9 Lithium ion
Shark Detect Pro IW3511	63	\$450	↓	↑	↓	↑	↑	↑	↑	↑	25	5	6.0	21.6 lithium ion
Dyson V12 Detect Slim Absolute	63	\$650	↓	↑	↓	↑	↑	↑	↑	↑	30	4	5.2	25.2 lithium ion
Shark Rocket Pet Pro IZ162H	63	\$300	↓	↑	↓	↑	↓	↑	↑	↑	20	3	7.4	21.6 volt lithium ion
Tineco Pure One S15 Pro	62	\$600	-	-	↓	↓	↑	↑	↑	↑	20	4	6.9	lithium Ion
Hoover ONEPWR Blade+ BH53310	61	\$200	↓	↓	↓	↑	↑	↑	↑	↓	25	4	6.8	20.0 volt lithium ion
Bissell IconPet Turbo 31781	61	\$365	↓	↓	↓	↑	↑	↑	↑	↑	25	4	7.5	25.2 v lithium ion
Shark Clean & Empty BU3120	61	\$320	↓	↑	↓	↑	↓	↑	↑	↓	25	5	5.7	18v lithium ion



VACUUMS

Brand + Model	Overall Score	Price	Survey Results		Test Results								Features			
			Predicted reliability	Owner satisfaction	Carpet	Bare floors	Navigation	Pet hair	Edges	Ease of use	Noise	Data privacy	Data security	Pattern	WiFi/Cellular connectivity	
<b>ROBOTIC VACUUMS</b>																
✓ iRobot Roomba S9+	79	\$1,000	↓	↓	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	Grid	•
✓ Roborock S8 Pro Ultra	75	\$1,600	-	-	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
✓ Dyson 360 vis nav	73	\$1,200	-	-	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
✓ iRobot Roomba i4+ Evo	72	\$520	↓	↓	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
✓ iRobot Roomba Combo i5	72	\$550	↓	↓	↑	↑	↑	↑	↑	↓	↑	↓	↓	↑	Grid	•
✓ iRobot Roomba Combo j9+	72	\$1,400	↓	↓	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
✓ Eufy RoboVac X8	70	\$500	↑	↑	↓	↑	↑	↑	↑	↑	↓	↓	↓	↓	Grid	•
✓ iRobot Roomba Combo j5+	70	\$800	↓	↓	↓	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
✓ Roborock S7+	70	\$950	-	-	↑	↑	↑	↑	↑	↑	↓	↓	↓	↓	Grid	•
Greenworks GRV-3011 470480	69	\$350	-	-	↓	↑	↑	↑	↑	↑	↑	↓	↓	↓	Grid	•
Eufy Clean X9 Pro	69	\$900	↑	↑	↓	↑	↑	↑	↑	↓	↑	↓	↓	↓	Grid	•
Eufy 11S	69	\$230	↑	↑	↓	↑	↑	↑	↑	↓	↑	↑	↑	Random		
Eufy Clean G40+	68	\$480	↑	↑	↓	↑	↑	↑	↑	↓	↑	↓	↓	↓	Grid	•
iRobot Roomba i3+ EVO	68	\$650	↓	↓	↓	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
Samsung Jet Bot AI+ VR50T95735W	68	\$1,300	↓	↓	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
OKP L1	68	\$400	-	-	↑	↑	↑	↑	↑	↓	↑	↓	↓	↓	Grid	•
Shark AI Ultra RV2610WA	67	\$600	↑	↓	↓	↑	↑	↑	↑	↓	↑	↓	↓	↓	Grid	•
iRobot Roomba j7+	67	\$800	↓	↓	↓	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
Miele RX3 Home Vision	67	\$1,100	-	-	↑	↑	↑	↓	↑	↓	↑	↓	↓	↓	Grid	•
iRobot Roomba i7+	67	\$750	↓	↓	↑	↑	↑	↓	↑	↑	↑	↓	↓	↑	Grid	•
iRobot Roomba j9+	67	\$900	↓	↓	↓	↑	↑	↑	↑	↓	↑	↓	↓	↑	Grid	•
Miele RX3	66	\$900	-	-	↑	↑	↑	↓	↑	↓	↑	↓	↓	↓	Grid	•
Samsung Jet Bot+ with Clean Station VR30T85513W	66	\$800	↓	↓	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
Roborock S5 Max	65	\$550	-	-	↓	↑	↑	↑	↑	↓	↓	↓	↓	↓	Grid	•
Eufy RoboVac G30 Edge	65	\$350	↑	↑	↓	↑	↑	↓	↑	↓	↑	↓	↓	↓	Grid	•
Eufy X10 Pro Omni	65	\$800	↑	↑	↓	↑	↑	↑	↑	↑	↑	↓	↓	↓	Grid	•
Eufy RoboVac 11S Max	65	\$250	↑	↑	↓	↑	↑	↓	↑	↓	↑	↑	↑	Random		
Ecovacs Deebot X2 Omni Combo OZX2MC	64	\$1,600	↓	↓	↓	↑	↑	↑	↑	↑	↑	↓	↓	↑	Grid	•
Shark IQ RV1000 (Walmart)	64	\$300	↑	↓	↓	↑	↑	↑	↓	↑	↑	↓	↓	↑	Grid	•
Eufy 35C	64	\$300	↑	↑	↓	↑	↑	↓	↑	↓	↑	↓	↓	↓	Random	•



VACUUMS

Brand + Model	Overall Score	Price	Survey Results		Test Results								Features		
			Predicted reliability	Owner satisfaction	Carpet	Bare floors	Navigation	Pet hair	Edges	Ease of use	Noise	Data privacy	Data security	Pattern	WiFi/Cellular connectivity
<b>ROBOTIC VACUUMS</b> <i>Continued</i>															
Eufy Clean L50 T2265Z11	64	\$150	↑	↑	↓	↑	↑	↑	↑	↓	↑	↓	↓	Grid	•
Ecovacs Yeedi Cube	64	\$600	↓	↓	↓	↑	↑	↑	↑	↑	↑	↓	↑	Grid	•
Shark IQ RV1001AE	63	\$650	↑	↓	↓	↑	↑	↓	↓	↑	↑	↓	↑	Grid	•
Ecovacs Deebot N10 Plus	62	\$650	↓	↓	↓	↑	↑	↑	↑	↑	↑	↓	↑	Grid	•
iRobot Roomba Combo Essential y014020	62	\$275	↓	↓	↓	↑	↑	↑	↓	↑	↑	↓	↑	Grid	•
Eufy RoboVac 15C Max	62	\$250	↑	↑	↓	↑	↑	↓	↑	↓	↑	↓	↓	Random	•
Shark AI Self-Empty XL RV2502AE	62	\$650	↑	↓	↓	↑	↑	↑	↓	↑	↑	↓	↑	Grid	•
Black+Decker BDRV1-SLV	62	\$130	-	-	↓	↑	↑	↑	↓	↓	↑	↓	↑	Grid	•
Ecovacs Deebot X1 Omni	62	\$1,380	↓	↓	↓	↑	↑	↑	↓	↑	↑	↑	↑	Grid	•

> Digital and All Access members can find the latest, complete ratings at [CR.org/vacuums](https://www.crguide.com/vacuums)

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years for non-robotic vacuums and the first four years for

robotic vacuums. Findings are from CR's 2022, 2023, and 2024 Winter Quarterly surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the vacuum they bought. In cases where we have insufficient survey data, indicated by a gray dash (-), we give the model weighted category average reliability

and satisfaction. In our cleaning tests for uprights and canisters, we lift embedded sand from medium-pile carpet and suck up sand from bare floors. For sticks we lift embedded sand from medium-pile carpet; cereal, rice, and sand are used for bare floor tests. We test with fine wood flour to gauge emissions—how much dust the

vacuum spews back into the air. Noise is based on measurements in decibels. Handling reflects how easy it is to push, pull, and carry the vacuum. Pet hair reflects how well the vacuum picks up pet hair from medium-pile carpet. Price is approximate retail.



# Wall Ovens

Design flexibility is the chief attraction of a wall oven. If you're renovating, you can install one—or two—anywhere (in an island or in a cabinet), in a separate location from a standalone cooktop, and at any height. Most are electric, and that's what we test.



## What to Look For

- Controls should be easy to reach and read.
- The best models have a score of Very Good or Excellent for baking and oven capacity, because these tests get at the function of this appliance.
- Five or more oven rack positions offer flexibility

in arranging racks and accommodating bakeware.

- A covered heating element beneath the floor of the oven makes spill cleanup easier.

## What to Skip

- Ignore claimed oven capacity, as some manufacturers include space below the lowest rack, where

you can't actually cook. Look to our oven capacity ratings instead.

- Don't pay extra for features like WiFi or air fry if you won't use them.

## What You'll Pay

- Electric wall ovens start around \$1,300 and can cost upwards of \$3,000.

## BUYING ADVICE

If you're replacing an existing model, measure your cutout space, then check the manual of the wall oven you're considering for its cutout dimensions.

For more buying advice, go to [CR.org/wall-ovens](https://www.CR.org/wall-ovens).

Brand + Model	Overall Score	Price	Survey Results		Test Results				Features					
			Predicted reliability	Owner satisfaction	Baking	Broiling	Oven capacity	Self-cleaning	Width (in.)	Covered element	Convection mode	Temperature probe	WiFi	Stainless steel
<b>SINGLE ELECTRIC WALL OVENS</b>														
✓ Café CTS70DM2NS5	89	\$3,145	↑	↑	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
Ⓢ KitchenAid KOSE500ESS	88	\$1,500	↑	↓	↑	↑	↑	↑	30	•	•	•	•	Available in stainless
Ⓢ LG WSEP4727F	87	\$1,800	↑	↑	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
✓ Café Professional Series CTS90FP2NS1	86	\$4,445	↑	↑	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
Ⓢ LG Studio WSES4728F	84	\$2,470	↑	↑	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
✓ Samsung NV51K7770SG	84	\$3,400	↓	↓	↑	↑	↑	↑	30	•	•	•	•	Available in stainless
Ⓢ Ikea Hjalteby 605.405.43	83	\$2,000	↓	↓	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
Ⓢ Maytag MOES6030LZ	83	\$1,700	↑	↓	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
✓ Whirlpool WOS72EC0HS	81	\$2,500	↑	↓	↑	↑	↑	↓	30	•	•	•	•	Available in stainless
✓ Wolf E Series Transitional SO3050TE	80	\$5,340	↑	↑	↑	↑	↑	↓	30	•	•	•	•	Stainless steel
✓ GE Profile PTS9000SNSS	80	\$2,800	↑	↓	↑	↑	↑	↑	30	•	•	•	•	Stainless steel
GE JTS5000SNSS	79	\$1,300	↑	↓	↑	↑	↑	↓	30	•	•	•	•	Stainless steel
Thermador Masterpiece ME301WS	79	\$4,600	↓	↓	↑	↑	↑	↑	30	•	•	•	•	Stainless steel



**WALL OVENS**

Brand + Model	Overall Score	Price	Survey Results		Test Results				Features				
			Predicted reliability	Owner satisfaction	Baking	Broiling	Oven capacity	Self-cleaning	Width (in.)	Covered element	Convection mode	Temperature probe	WiFi
<b>SINGLE ELECTRIC WALL OVENS</b> <i>Continued</i>													
KitchenAid KOST100ESS	79	\$2,440	↑	↓	↑	↑	↑	↑	30	•			Stainless steel
Frigidaire Gallery GCWS3067AF	78	\$1,500	↑	↓	↑	↑	↑	↑	30	•	•	•	Stainless steel
LG WSEP4723F	78	\$1,300	↑	↑	↓	↑	↑	↑	30	•	•	•	Stainless steel
KitchenAid KOSE900HSS	78	\$3,420	↑	↓	↑	↑	↑	↓	30	•	•	•	Available in stainless
Whirlpool WOS51EC0HS	76	\$2,100	↑	↓	↓	↑	↑	↑	30	•		•	Stainless steel
Monogram Minimalist Collection ZTS90DSSNSS	76	\$4,300	↑	↓	↑	↓	↑	↑	30	•	•	•	Stainless steel
LG LWS3063ST	74	\$1,475	↑	↑	↑	↑	↑	↓	30	•	•		Available in stainless
Electrolux ECWS3011AS	72	\$2,685	↓	↓	↑	↓	↑	↓	30	•	•	•	Stainless steel
Sharp SWA3052DS	72	\$1,505	-	-	↑	↓	↑	↓	30	•	•	•	Stainless steel
Miele PureLine Series H 6281 BP	71	\$2,400	↑	↑	↓	↓	↑	↑	30	•	•		Stainless steel
Bosch Benchmark HBLP451RUC	70	\$3,590	↓	↓	↑	↓	↑	↑	30	•	•	•	Stainless steel
Thermador Masterpiece ME301YP	70	\$2,900	↓	↓	↑	↑	↑	↑	30	•	•	•	Stainless steel
<b>DOUBLE ELECTRIC WALL OVENS</b>													
📌 KitchenAid KODE500ESS	88	\$2,400	↑	↓	↑	↑	↑	↑	30	•	•	•	Available in stainless
✓ Café Professional Series CTD90FP2NS1	86	\$6,500	↑	↑	↑	↑	↑	↑	30	•	•	•	Stainless steel
📌 Samsung NV51K7770DG	84	\$3,275	↓	↓	↑	↑	↑	↑	30	•	•	•	Available in stainless
📌 GE Profile PTD9000SNSS	80	\$3,075	↑	↓	↑	↑	↑	↑	30	•	•	•	Stainless steel
KitchenAid KODE900HSS	78	\$4,770	↑	↓	↑	↑	↑	↓	30	•	•	•	Available in stainless
Whirlpool WOD77EC0HS	78	\$3,060	↑	↓	↑	↓	↑	↑	30	•	•	•	Stainless steel
Monogram Minimalist Collection ZTD90DSSNSS	76	\$5,900	↑	↓	↑	↓	↑	↑	30	•	•	•	Stainless steel
LG LWD3063ST	74	\$2,410	↑	↑	↑	↑	↑	↓	30	•	•		Available in stainless
Electrolux ECWD3011AS	72	\$3,205	↓	↓	↑	↓	↑	↓	30	•	•	•	Stainless steel
Sharp SWB3052DS	72	\$2,700	-	-	↑	↓	↑	↓	30	•	•	•	Stainless steel

➤ Digital and All Access members can find the latest, complete ratings at [CR.org/wall-ovens](https://CR.org/wall-ovens).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. **Predicted reliability** estimates the likelihood that newly purchased models from a given brand will develop problems or break within

the first five years. Findings are from CR's 2021, 2022, and 2023 Spring Quarterly surveys. **Owner satisfaction** reflects the proportion of CR members who are extremely likely to recommend the wall ovens they bought. In cases where we have insufficient survey data

to provide a brand-level rating, indicated by a gray dash [-], we give the model weighted category average scores for reliability and satisfaction. **Baking** reflects whether cakes and cookies baked on two racks were evenly browned. **Broiling** is based on how hot and evenly

the broiler heats. **Oven capacity** measures usable space. **Self-cleaning** gauges the self-cleaning cycle's effectiveness. **Price** is approximate retail. The performance of double wall oven models is based on the tested oven in the single electric wall oven category.





# Washing Machines

Today's washers boast larger capacities, so you can do more laundry at once. You'll also find specialty cycles for bedding, waterproof items, and more, and WiFi-enabled models that provide added perks, like notifications when a load is finished.

### What to Look For

- The right capacity for your needs. Our tests found that washers with a claimed capacity over 4.5 cubic feet can fit a king-sized comforter.
- Higher spin speeds (mostly on front-loaders) extract more water, saving time and energy.
- Automatic dispensers will release detergent, bleach,

and fabric softener at the correct time.

- An extra rinse cycle can remove sensitive-skin-irritating detergent residue and helps get rid of pet hair.

### What to Skip

- A steam cleaning option. Despite manufacturers' claims, our tests found that

it did not improve a washer's cleaning ability

### What You'll Pay

- Capable washing machines start around \$600. A 24-inch-wide compact model might save space, but you'll spend \$800 to \$2,000 on a compact washer, and roughly the same on a compact dryer.

### BUYING ADVICE

If your laundry area is near bedrooms or living spaces, narrow your search to machines with impressive scores in our noise and vibration tests.

For more buying advice, go to [CR.org/washers](https://www.crguide.org/washers).

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Washing performance	Energy efficiency	Water efficiency	Gentleness	Noise	Vibration	Cycle time (min.)	Stackable	Dimensions (in.)
<b>FRONT-LOAD WASHERS</b>													
✓ LG WM3900HWA	87	\$1,150	↑	↑	↑	↑	↑	↓	↑	↑	85	•	39 x 27 x 31
✓ LG WM8900HBA	87	\$1,500	↑	↑	↑	↑	↑	↑	↑	↑	105	•	41 x 29 x 33
Ⓢ LG WM3600HWA	87	\$800	↑	↑	↑	↑	↑	↑	↑	↓	100	•	39 x 27 x 31
✓ LG Signature WM9500HKA	86	\$1,900	↑	↑	↑	↑	↑	↑	↑	↑	120		41 x 30 x 34
✓ LG WM6500HWA	84	\$1,300	↑	↑	↑	↑	↑	↑	↓	↓	110	•	39 x 27 x 33
✓ Speed Queen FF7005WN	84	\$2,100	↑	↑	↑	↑	↑	↑	↓	↑	75		41 x 27 x 31
✓ LG WM5500HWA	83	\$1,200	↑	↑	↑	↑	↑	↓	↑	↓	110	•	39 x 27 x 31
✓ LG WM8100HVA	83	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	95	•	41 x 29 x 32
✓ LG WM4500HBA	83	\$1,095	↑	↑	↑	↑	↑	↓	↑	↑	105	•	39 x 27 x 33
Ⓢ Electrolux EFLS627UTT	82	\$800	↑	↓	↑	↑	↑	↑	↑	↑	85	•	39 x 27 x 32
✓ LG WM6700HBA	82	\$1,600	↑	↑	↑	↑	↑	↓	↓	↓	120	•	39 x 27 x 33
✓ LG WM3470CW	82	\$1,000	↑	↑	↑	↑	↑	↓	↑	↓	95	•	39 x 27 x 33
✓ Samsung WF50A8500AV	81	\$1,250	↑	↓	↑	↑	↑	↓	↑	↑	115	•	39 x 27 x 33



**WASHING MACHINES**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Washing performance	Energy efficiency	Water efficiency	Gentleness	Noise	Vibration	Cycle time (min.)	Stackable	Dimensions (in.)
<b>FRONT-LOAD WASHERS</b> <i>Continued</i>													
✓ <b>Electrolux</b> ELFW7637AT	81	\$1,000	↑	↓	↑	↑	↑	↑	↓	↑	85	●	38 x 27 x 32
✓ <b>Samsung</b> FlexWash WV60A9900AV	81	\$1,400	↑	↓	↑	↑	↑	↓	↑	↑	115	●	47 x 27 x 34
✓ <b>Electrolux</b> ELFW7537AW	80	\$895	↑	↓	↑	↑	↑	↑	↑	↑	85	●	39 x 27 x 32
✓ <b>Samsung</b> WF45R6300AW	80	\$1,030	↑	↓	↑	↑	↑	↑	↓	↓	80	●	39 x 27 x 32
✓ <b>Samsung</b> FlexWash WV60M9900AV	80	\$1,700	↑	↓	↑	↑	↑	↑	↑	↑	100	●	47 x 27 x 34
<b>Samsung</b> WF50A8800AV	79	\$900	↑	↓	↑	↑	↑	↓	↑	↑	105	●	39 x 27 x 34
<b>Maytag</b> MHW6630HW	79	\$990	↓	↓	↑	↑	↑	↓	↑	↑	95	●	39 x 27 x 33
<b>Samsung</b> WF45B6300AW	79	\$745	↑	↓	↑	↑	↑	↓	↑	↑	100	●	39 x 27 x 32
<b>Maytag</b> MHW5630HW	79	\$850	↓	↓	↑	↑	↑	↓	↑	↑	100	●	39 x 27 x 32
<b>Maytag</b> MHW8630HC	79	\$1,375	↓	↓	↑	↑	↑	↓	↑	↑	95	●	39 x 27 x 33
<b>Samsung</b> WF45T6000AW	78	\$700	↑	↓	↑	↑	↑	↓	↑	↑	90	●	40 x 27 x 32
<b>Samsung</b> WF50A8600AE	78	\$1,240	↑	↓	↑	↑	↑	↓	↑	↑	75	●	39 x 27 x 34
<b>Samsung</b> WF51CG8000AW	77	\$750	↑	↓	↑	↑	↑	↓	↑	↓	105	●	39 x 27 x 34
<b>GE</b> PFW870SPVRS	77	\$950	↓	↓	↑	↑	↑	↑	↓	↑	105	●	40 x 28 x 35
<b>Samsung</b> Bespoke WF53BB8700AT	77	\$1,000	↑	↓	↑	↑	↑	↓	↑	↑	100	●	39 x 27 x 35
<b>Samsung</b> WF46BG6500AV	77	\$1,170	↑	↓	↑	↑	↑	↓	↑	↓	95	●	39 x 27 x 31
<b>Samsung</b> WF50BG8300AE	77	\$880	↑	↓	↑	↑	↑	↓	↑	↓	95	●	39 x 27 x 33
<b>Samsung</b> FlexWash WV55M9600AW	76	\$1,440	↑	↓	↑	↑	↑	↑	↑	↑	95	●	47 x 27 x 34
<b>Electrolux</b> EFLW427UIW	76	\$1,000	↑	↓	↑	↑	↑	↑	↓	↑	90	●	39 x 27 x 32
<b>Speed Queen</b> FF7010WN	76	\$2,200	↑	↑	↑	↑	↑	↑	↓	↓	75	●	40 x 27 x 31
<b>Samsung</b> BESPOKE WF53BB8900AT	76	\$1,100	↑	↓	↑	↑	↑	↓	↑	↓	110	●	39 x 27 x 35
<b>Amana</b> NFW5800HW	76	\$750	↓	↓	↑	↑	↑	↓	↑	↓	110	●	39 x 27 x 32
<b>GE</b> GFW650SSNWW	76	\$1,040	↓	↓	↑	↑	↑	↑	↑	↑	100	●	40 x 28 x 33
<b>GE</b> Profile PFW950SPTDS	75	\$1,300	↓	↓	↑	↑	↑	↓	↓	↑	95	●	40 x 28 x 35
<b>Electrolux</b> ELFW7437AW	75	\$1,050	↑	↓	↑	↑	↑	↑	↑	↑	65	●	39 x 27 x 32
<b>Whirlpool</b> WFW6620HW	75	\$1,035	↓	↓	↑	↑	↑	↑	↑	↑	100	●	39 x 27 x 32
<b>Samsung</b> WF46BB700AD	75	\$1,050	↑	↓	↑	↑	↑	↓	↑	↑	100	●	39 x 27 x 32
<b>Whirlpool</b> WFW9620HC	74	\$1,515	↓	↓	↑	↑	↑	↓	↑	↑	100	●	39 x 27 x 34
<b>Whirlpool</b> WFW5605MW	74	\$800	↓	↓	↑	↑	↑	↑	↑	↓	95	●	39 x 27 x 32
<b>Whirlpool</b> WFW862CHC	74	\$1,505	↓	↓	↑	↑	↑	↓	↑	↓	110	●	39 x 27 x 32
<b>GE</b> GFW655SSVWW	71	\$1,075	↓	↓	↑	↑	↑	↑	↓	↑	110	●	40 x 28 x 33



WASHING MACHINES

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Washing performance	Energy efficiency	Water efficiency	Gentleness	Noise	Vibration	Cycle time (min.)	Stackable	Dimensions (in.)
<b>TOP-LOAD HIGH-EFFICIENCY (HE) WASHERS</b>													
✓ LG WT7150CW	85	\$950	↑	↑	↑	↑	↑	↓	↑	↑	70	45 x 27 x 29	
✓ LG WT8600CB	85	\$1,300	↑	↑	↑	↑	↑	↓	↑	↑	75	43 x 27 x 29	
✓ LG WT8400CW	84	\$1,000	↑	↑	↑	↑	↑	↓	↑	↑	75	43 x 27 x 29	
✓ LG WT7900HBA	83	\$1,350	↑	↑	↑	↑	↑	↓	↓	↑	70	45 x 27 x 30	
✓ LG WT7400CV	80	\$1,150	↑	↑	↑	↑	↑	↓	↓	↑	70	45 x 27 x 29	
💰 LG WT7000CW	80	\$630	↑	↑	↑	↑	↑	↓	↓	↑	80	45 x 27 x 29	
Samsung WA52A5500AW	71	\$1,000	↓	↓	↑	↑	↑	↓	↑	↑	90	45 x 28 x 29	
Samsung WA55A7300AE	68	\$1,200	↓	↓	↑	↑	↑	↓	↓	↑	95	46 x 28 x 29	
🌱 Samsung WA55CG7100AW	68	\$1,000	↓	↓	↑	↑	↑	↓	↑	↑	90	46 x 27 x 29	
GE Profile PTW900BPTRS	67	\$900	↓	↓	↑	↑	↓	↓	↓	↑	100	44 x 28 x 29	
Samsung WA50R5400AW	67	\$550	↓	↓	↑	↑	↑	↓	↓	↑	65	45 x 28 x 29	
Samsung WA50B5100AW	67	\$800	↓	↓	↑	↑	↑	↓	↓	↑	75	46 x 27 x 30	
GE Profile PTW700BSTWS	65	\$815	↓	↓	↑	↑	↑	↓	↓	↑	100	44 x 28 x 29	
GE GTW840CSNWS	64	\$950	↓	↓	↑	↑	↑	↓	↓	↑	75	46 x 27 x 27	
Samsung WA47CG3500AW	64	\$900	↓	↓	↓	↑	↑	↓	↑	↑	65	45 x 27 x 29	
<b>TOP-LOAD AGITATOR WASHERS</b>													
✓ LG WT8405CW	81	\$1,000	-	-	↑	↑	↑	↓	↓	↑	90	43 x 27 x 29	
✓ LG WT7405CW	80	\$850	-	-	↑	↑	↑	↓	↑	↑	85	45 x 27 x 29	
💰 LG WT7005CW	79	\$630	-	-	↑	↑	↑	↓	↑	↑	70	45 x 27 x 29	
✓ Samsung WA49B5105AW	75	\$980	-	-	↑	↑	↑	↓	↑	↑	75	46 x 28 x 29	
✓ Samsung WA51A5505AW	74	\$1,000	-	-	↑	↑	↑	↓	↓	↑	90	45 x 27 x 29	
✓ Samsung WA46CG3505AW	72	\$900	-	-	↓	↑	↑	↓	↑	↑	65	46 x 27 x 29	
✓ Samsung WA54CG7105AD	70	\$800	-	-	↓	↑	↑	↓	↑	↑	100	44 x 27 x 29	
✓ Samsung WA49B5205AW	68	\$800	-	-	↑	↑	↑	↓	↑	↑	80	45 x 28 x 29	
✓ GE Profile PTW705BSTWS	66	\$750	↓	↓	↑	↑	↓	↓	↓	↑	105	44 x 28 x 29	
✓ Maytag MVW8230HC	66	\$1,075	↓	↓	↑	↑	↓	↓	↓	↑	55	44 x 27 x 28	
Speed Queen TC5003WN	64	\$1,330	↑	↑	↓	↓	↓	↓	↓	↑	55	43 x 26 x 28	
Maytag MVW7230HW	64	\$1,150	↓	↓	↓	↑	↓	↓	↓	↑	55	44 x 27 x 28	
Midea MLV45N1BWW	63	\$750	-	-	↑	↑	↓	↑	↓	↑	85	46 x 27 x 29	
Maytag MVW6230HW	63	\$800	↓	↓	↑	↓	↓	↓	↓	↑	65	42 x 27 x 28	



**WASHING MACHINES**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Washing performance	Energy efficiency	Water efficiency	Gentleness	Noise	Vibration	Cycle time (min.)	Stackable	Dimensions (in.)
<b>TOP-LOAD AGITATOR WASHERS</b> <i>Continued</i>													
GE GTW465ASNWW	62	\$600	↓	↓	↓	↑	↑	↓	↓	↑	35		44 x 27 x 27
GE Profile PTW605BSRWS	62	\$740	↓	↓	↑	↑	↓	↓	↓	↑	105		44 x 28 x 29
Speed Queen TR7003WN	62	\$1,430	↑	↑	↑	↓	↓	↓	↑	↑	70		43 x 24 x 28
GE GTW585BSVWS	62	\$850	↓	↓	↑	↓	↑	↓	↓	↑	50		44 x 27 x 27
Maytag MVWC565FW	62	\$550	↓	↓	↓	↑	↑	↓	↓	↑	55		43 x 27 x 28
<b>COMPACT WASHERS</b>													
✓ Miele WXI860WCS	85	\$2,010	↑	↑	↑	↑	↑	↑	↑	↓	100	•	34 x 24 x 25
✓ Miele WWH860WCS	85	\$2,000	↑	↑	↑	↑	↑	↑	↑	↓	105	•	34 x 24 x 25
✓ LG WM1455HWA	82	\$1,100	↑	↓	↑	↑	↑	↑	↑	↓	90	•	34 x 24 x 25
💰 Electrolux ELFW4222AW	81	\$850	↑	↓	↑	↑	↑	↑	↓	↑	65	•	34 x 24 x 26
💰 Samsung WW22K6800AW	77	\$650	↑	↓	↑	↑	↑	↑	↑	↓	100	•	34 x 24 x 27
✓ Samsung WW25B6900AW	75	\$950	↑	↓	↓	↑	↑	↑	↑	↓	100	•	34 x 24 x 27
Bosch 800 Series WAW285H2UC	73	\$1,650	↓	↓	↑	↑	↑	↑	↑	↑	65	•	34 x 24 x 25
Haier QFW150SSNWW	72	\$1,095	-	-	↑	↑	↑	↑	↑	↓	100	•	34 x 26 x 26
GE GFW148SSMWW	69	\$990	↓	↓	↑	↑	↑	↑	↑	↓	95	•	34 x 24 x 26
Blomberg WM98220SX	69	\$1,250	-	-	↑	↑	↑	↑	↓	↓	80	•	34 x 24 x 23
Fisher & Paykel WH2424P1	68	\$1,020	-	-	↑	↑	↑	↑	↓	↓	75	•	34 x 24 x 26
LG WM1388HW	65	\$900	↑	↓	↓	↑	↑	↑	↓	↓	75	•	34 x 24 x 27
Midea MLH25N7BWW	63	\$950	-	-	↓	↑	↓	↓	↓	↓	70	•	34 x 24 x 24
Equator 835	62	\$1,060	-	-	↓	↑	↑	↑	↓	↓	70	•	34 x 24 x 25

> Digital and All Access members can find the latest, complete ratings at [CR.org/washers](https://www.crguide.com/washers).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are based on CR's 2021, 2022, and 2023 Fall Quarterly Surveys. Owner satisfaction

reflects the proportion of CR members who are extremely likely to recommend the washing machine they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (-), the model receives the weighted category average scores for reliability and satisfaction. Washing performance reflects the degree of stain removal from fabric

using the most aggressive normal cycle. Energy efficiency is based on the energy needed to heat the water using a warm wash and cold rinse, to run the washer, and to dry the remaining moisture left at the end of a cycle. Water efficiency is based on total water used when washing an 8-pound load (6-pound for compacts). Models that earn lower scores for Gentleness are more likely to treat your

clothes roughly, causing wear and tear. Noise reflects panelists' judgments during the fill, wash, drain, and spin cycles. Vibration reflects usage on a suspended wooden floor. Price is approximate retail. Eco-friendly Green Choice washers are marked by a green leaf icon that signifies they are reliable, energy and water efficient, gentler on clothes, and carry less weight and volume.





# Washer-Dryer Pairs

Here are our picks for the 12 top-performing matching washer-dryer pairs, across all the categories we test. See our ratings for washing machines (page 57) and clothes dryers (page 9) for more options, or visit [CR.org/washer-dryer-pairs](https://www.consumerreports.org/washer-dryer-pairs) for our full ratings.

## FRONT LOADERS



**LG**  
 ✓ **WM8900HBA** Washer  
 ✓ **DLEX8900B** Dryer  
 Price for pair: \$2,200  
**85**



**LG**  
 ✓ **WM6500HWA** Washer  
 ✓ **DLEX6500W** Dryer  
 Price for pair: \$2,000  
**84**



**LG**  
 ✓ **WM5500HWA** Washer  
 ✓ **DLEX5500W** Dryer  
 Price for pair: \$2,400  
**84**



**Electrolux**  
 ✓ **ELFW7537AW** Washer  
 ✓ **ELFE7537AW** Dryer  
 Price for pair: \$2,300  
**77**

## HIGH-EFFICIENCY (HE) TOP LOADERS



**LG**  
 ✓ **WT8600CB** Washer  
 ✓ **DLEX8600BE** Dryer  
 Price for pair: \$2,600  
**85**



**LG**  
 ✓ **WT7000CW** Washer  
 ✓ **DLE7000W** Dryer  
 Price for pair: \$1,700  
**80**



**Samsung**  
 ✓ **WA55CG7100AW** Washer  
 ✓ **DVE55CG7100W** Dryer  
 Price for pair: \$2,000  
**70**



**GE Profile**  
 ✓ **PTW700BSTWS** Washer  
 ✓ **PTD70EBSTWS** Dryer  
 Price for pair: \$1,600  
**68**

## AGITATOR TOP LOADERS



**Samsung**  
 ✓ **WA46CG3505AW** Washer  
 ✓ **DVE47CG3500W** Dryer  
 Price for pair: \$1,800  
**72**



**Samsung**  
 ✓ **WA54CG7105AD** Washer  
 ✓ **DVE55CG7100W** Dryer  
 Price for pair: \$2,200  
**71**



**GE Profile**  
 ✓ **PTW705BSTWS** Washer  
 ✓ **PTD70EBSTWS** Dryer  
 Price for pair: \$2,000  
**68**

## COMPACT



**Miele**  
 ✓ **WXI860WCS** Washer  
 ✓ **TXI680WP** Dryer  
 Price for pair: \$3,900  
**83**

# TECH





# Computers, Desktop

Desktops typically offer more performance for the money than laptops. They can also be upgraded more easily than laptops, letting you increase power or add features down the line.

### What to Look For

- For less clutter and a sleeker design, all-in-one desktops hide the computer hardware in a smaller package. They may cost more than buying a tower or compact desktop and separate monitor, however.
- A solid-state drive (which is faster than a traditional

hard disk drive; the new M.2 drives are the fastest type of SSD) will give you shorter load times and quick access to applications and other data.

- Some include an additional hard disk drive of 1TB or more for extra storage space.

### What to Skip

- Upgrading beyond 16GB

of memory isn't necessary, unless you're a big multitasker and use multiple programs at once or a video editor.

### What You'll Pay

- You can get a very good all-in-one for \$500 to \$900, but many fuller-featured models cost more than \$1,000.

### BUYING ADVICE

If you're deciding between several brands, consider the manufacturer's owner satisfaction and reliability ratings.

For more buying advice, go to [CR.org/computers](https://www.crisp.com/computers).

Brand + Model	Overall score	Price	Survey Results		Test Results				Features				
			Predicted reliability	Owner satisfaction	Performance	Versatility	Ergonomics	Display	Touch screen	OS	Suitable for gaming	Wireless mouse	Wireless keyboard
<b>FULL-SIZE DESKTOPS</b>													
✓ HP Envy TE01-5364	90	\$1,440	↓	↓	↑	↑	↑	NA	Windows 11 Home	•	•	•	•
✓ HP Envy TE01-4254	86	\$1,000	↓	↓	↑	↑	↑	NA	Windows 11 Home		•	•	•
✓ Dell XPS 8960-9551BLK	84	\$2,250	↓	↑	↑	↑	↑	NA	Windows 11 Pro	•			•
✓ Dell XPS 8960-7612BLK	83	\$1,600	↓	↑	↑	↑	↑	NA	Windows 11 Home	•			•
✓ HP Pavilion Desktop - TP01-2244	83	\$1,100	↓	↓	↑	↑	↑	NA	Windows 11 Home		•	•	•
✓ HP Envy TE01-5344	82	\$800	↓	↓	↑	↑	↑	NA	Windows 11 Home		•	•	•
✓ Dell XPS 8960-7409BLK	82	\$1,800	↓	↑	↑	↑	↑	NA	Windows 11 Home	•			•
✓ Dell XPS 8960-7879BLK	81	\$1,450	↓	↑	↑	↑	↑	NA	Windows 11 Home	•			•
✓ Dell Inspiron Desktop - 14th Gen Intel Core i7-14700F	81	\$1,200	↓	↑	↑	↑	↑	NA	Windows 11 Home				•
✓ Dell XPS 8950-7518BLK	80	\$1,080	↓	↑	↑	↑	↑	NA	Windows 11 Pro				•
✓ Dell i3030-7653BLU-PUS	80	\$900	↓	↑	↑	↑	↑	NA	Windows 11 Home				•
✓ Dell Inspiron 3020-7292BLU	77	\$700	↓	↑	↑	↑	↑	NA	Windows 11 Home				•



**COMPUTERS, DESKTOP**

Brand + Model	Overall score	Price	Survey Results		Test Results				Features			
			Predicted reliability	Owner satisfaction	Performance	Versatility	Ergonomics	Display	Touch screen	OS	Suitable for gaming	Wireless mouse

**COMPACT DESKTOPS**

✓ HP Z2 Mini G9	83	\$1,460	↓	↓	↑	↑	↑	NA	Windows 11 Pro				
✓ Apple Mac studio(M2 Max)	80	\$2,000	↑	↑	↑	↓	↓	NA	macOS Ventura 13.4	•			•
✓ Lenovo IdeaCentre 3	79	\$900	↓	↓	↑	↑	↑	NA	Windows 11 Home				•
✓ Dell OptiPlex 7000 Desktop DN5R3	78	\$1,020	↓	↑	↑	↓	↑	NA	Windows 11 Pro		•	•	
✓ Dell Inspiron 3030S-5622BLU	78	\$740	↓	↑	↑	↑	↑	NA	Windows 11 Home				•
✓ Apple Mac Mini (M2 Pro, 10Core, 512GB)	77	\$1,300	↑	↑	↑	↓	↓	NA	macOS Ventura 13.2	•			
✓ Lenovo Thinkstation Desktop	76	\$1,400	↓	↓	↑	↑	↑	NA	Windows 11 Pro				
✓ MSI Cubi 5	73	\$880	↓	↓	↑	↑	↑	NA	Windows 11 Pro				
✓ Lenovo ThinkCentre Desktop	71	\$1,170	↓	↓	↑	↑	↑	NA	Windows 11 Pro				

**ALL-IN-ONE DESKTOPS**

✓ Apple 24-inch iMac (M3 Chip, 10 Core GPU)	81	\$1,500	↑	↑	↑	↓	↑	↑	macOS Soma 14.1	•	•	•	
✓ Lenovo Yoga AIO 9i 31	80	\$1,800	↓	↓	↑	↓	↑	↑	Windows 11 Home		•	•	
✓ Lenovo IdeaCentre AIO 5 27IAH7	80	\$1,180	↓	↓	↑	↑	↑	↑	• Windows 11 Home		•	•	
💰 Lenovo ideacentre AIO 3i 27 Touch	80	\$950	↓	↓	↑	↑	↑	↑	• Windows 11 Home		•	•	
✓ Lenovo Yoga AIO 7 27ACH6	80	\$2,200	↓	↓	↑	↑	↑	↑	• Windows 11 Home	•	•	•	
✓ Apple 24-inch iMac (M3 Chip, 8 Core GPU)	79	\$1,300	↑	↑	↑	↓	↑	↑	macOS Soma 14.1	•	•	•	
💰 MSI PRO AP272 13M-287US	78	\$1,050	↓	↓	↑	↑	↑	↑	Windows 11 Pro		•	•	
✓ HP Pavilion 27-ca2244	77	\$1,350	↓	↓	↑	↑	↑	↑	• Windows 11 Home		•	•	
✓ HP 27-cr1064	76	\$1,250	↓	↓	↑	↑	↑	↑	• Windows 11 Home		•	•	
✓ Dell Inspiron 7720-7992WHT	76	\$1,040	↓	↑	↑	↑	↑	↑	• Windows 11 Pro		•	•	•
💰 Asus Zen AiO M5401WYA-DH704T	76	\$900	↓	↓	↑	↑	↑	↑	• Windows 11 Home		•	•	
✓ MSI PRAP24212M054	75	\$900	↓	↓	↑	↓	↑	↑	Windows 11 Home		•	•	

➤ Digital and All Access members can find the latest, complete ratings at [CR.org/computers](https://www.crguide.com/computers).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within

the first three years. Findings are based on CR's 2021, 2022 and 2023 Winter Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the desktop computer they bought. Performance reflects speed while

running productivity applications, multimedia applications, and 3D games. Versatility includes hardware, such as memory-card slots and A/V connections; software, such as security programs; and tech support and warranty provisions. Ergonomics represents

the quality of the keyboard and pointing device, and accessibility of features. For all-in-ones, display covers display size, clarity, color, contrast, brightness, and glare. Price is approximate retail.



# Computers, Laptop

Some laptops offer features and capabilities that rival those of traditional desktops. You'll find more thin, light laptops than ever, and touch screens and solid-state drives are becoming more common.



### What to Look For

- A 10- to 13-inch model is best if you plan to carry the laptop around with you frequently.
- A 14- to 16-inch screen provides a larger area to view photos or videos and a more comfortable keyboard fit.
- A 17- to 18-inch model can be an entertainment-oriented desktop replacement.

■ A convertible or detachable model works as a tablet, too.

### What to Skip

- You don't need a 4K display unless you regularly edit high-res photos or videos. These displays pack four times as many pixels as a 1080p display but typically at the cost of battery life.

### What You'll Pay

■ Larger laptops are generally more expensive than their smaller counterparts, so if price is your overriding concern it pays to shop small. A well-equipped 12- to 13-inch laptop costs right around \$1,000. Step up to 15 inches and you'll be paying closer to \$1,500.

### BUYING ADVICE

If you want to customize a laptop model, order à la carte from the manufacturer's website.

For more buying advice, go to [CR.org/laptops](https://www.crbuyingguide.org/laptops).

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features						
			Predicted reliability	Owner satisfaction	Portability	Performance	Display	Ergonomics	Versatility	Battery Life - web (hr.)	Battery Life - video (hr.)	Weight (lbs.)	Touch screen	2-in-1	Display size (in.)	Processor brand
<b>17- TO 18-INCH LAPTOPS</b>																
✓ LG Gram 17 (2024)	88	\$2,200	↑	↑	↑	↑	↑	↑	↑	18.25	17.25	2.9	-	17.0	Intel	Core Ultra 7 155H 3.8GHz
✓ LG Gram 17 (2023)	86	\$1,700	↑	↑	↑	↑	↑	↑	↑	20.25	16.25	3.2	-	17.0	Intel	Core i7-1360P 2.2GHz
💰 LG Gram 17 (2022)	83	\$860	↑	↑	↑	↓	↑	↑	↑	16.5	13.75	2.9	-	17.0	Intel	Core i7-1260P 2GHz
✓ MSI Raider GE78HX 14VIG-600US	78	\$2,400	↑	↑	↓	↑	↑	↑	↑	6.5	5.25	6.7	-	17.0	Intel	Core i9-14900HX 2.2GHz
✓ Asus ZenBook Pro UM6702RC-DH96	76	\$1,500	↓	↓	↑	↑	↑	↑	↑	13.75	8.75	5.1	-	17.3	AMD	Ryzen 9 6900HX 3.3GHz
💰 HP Envy 17-CR1017NR	73	\$1,000	↓	↓	↑	↑	↑	↑	↑	10.5	8	5.5	-	17.3	Intel	Core i7-13700H 1.7GHz
✓ MSI Crosshair 17 B12UGZ-295	71	\$1,900	↑	↑	↓	↑	↑	↑	↑	8.75	5.75	6	-	17.3	Intel	Core i7-12700H 2.7GHz
✓ Acer Aspire 5 A517-58M-59S6	68	\$760	↓	↓	↑	↑	↑	↑	↑	11.25	9.25	4.7	-	17.3	Intel	Core i5-1335U 1.3GHz
💰 Lenovo IdeaPad 3 17IRU7	66	\$500	↓	↓	↑	↓	↑	↑	↑	10.5	7.75	4.6	-	17.3	Intel	Core i5-1335U 1.3GHz
✓ Asus ROG Strix G814JIR-XS96	65	\$2,300	↓	↓	↓	↑	↑	↑	↑	4.5	2.75	6.5	-	18.0	Intel	Core i9-14900HX 2.2GHz
MSI Katana GF76	64	\$760	↑	↑	↓	↑	↑	↑	↑	6.25	3.75	5.9	-	17.3	Intel	Core i7-11800H 2.3GHz
Lenovo Legion 5 17	63	\$810	↓	↓	↓	↑	↑	↑	↑	4.75	4	6.6	-	17.3	AMD	Ryzen 7 5800H 3.2GHz



**COMPUTERS, LAPTOP**

Brand + Model	Overall Score	Price	Survey Results		Test Results				Features							
			Predicted reliability	Owner satisfaction	Portability	Performance	Display	Ergonomics	Versatility	Battery Life - web (hr.)	Battery Life - video (hr.)	Weight (lbs.)	Touch screen	2-in-1	Display size (in.)	Processor brand
<b>15- TO 16-INCH LAPTOPS</b>																
✓ Apple Macbook Pro 16 (14 Core, M3 Max, 1TB)	90	\$3,500	↑	↑	↑	↑	↑	↑	16.5	14.5	4.7		16.2	Apple	M3 Max (14 core) 4.05GHz	
✓ LG Gram Pro 16 (Nvidia RTX)	88	\$2,100	↑	↑	↑	↑	↑	↑	17	17.25	2.8		16.0	Intel	Core Ultra 7 155H 3.86GHz	
✓ Apple Macbook Pro 16 (12 Core, M3 Pro, 512 GB)	87	\$2,500	↑	↑	↑	↑	↑	↑	25.25	23.5	4.7		16.2	Apple	M3 Pro (12 core) 4.05GHz	
✓ Apple MacBook Pro 16 (12 Core, M2 Pro, 512GB, 32GB)	86	\$2,900	↑	↑	↑	↑	↑	↑	16.25	16	4.7		16.2	Apple	M2 Pro (12 core) 3.47GHz	
✓ Samsung Galaxy Book4 Ultra	86	\$2,400	↑	↓	↑	↑	↑	↑	14.5	16.25	4	●	16.0	Intel	Core Ultra 7 155H 3.86GHz	
✓ Apple Macbook Pro 16 (12 Core, M3 Pro, 512 GB, 36GB)	86	\$2,900	↑	↑	↑	↑	↑	↑	26.75	22.75	4.7		16.2	Apple	M3 Pro (12 core) 4.05GHz	
✓ Apple MacBook Pro 16 (12 Core, M2 Pro, 512GB, 16GB)	86	\$2,500	↑	↑	↑	↑	↑	↑	16	15.75	4.7		16.2	Apple	M2 Pro (12 core) 3.47GHz	
✓ LG Gram SuperSlim 15	85	\$2,000	↑	↑	↑	↑	↑	↑	17.25	16.5	2.2		15.6	Intel	Core Ultra 7 155H 3.86GHz	
✓ Samsung Galaxy Book4 Pro 16" (Core Ultra 7)	85	\$1,750	↑	↓	↑	↑	↑	↑	15.5	15	3.4	●	16.0	Intel	Core Ultra 7 155H 3.86GHz	
✓ LG Gram Pro 16 (Intel Arc)	84	\$2,400	↑	↑	↑	↑	↑	↑	14.75	18.5	2.6		16.0	Intel	Core-Ultra7 155H 3.86GHz	
✓ LG Gram 16 (2023)	84	\$1,300	↑	↑	↑	↑	↑	↑	21.25	17.5	2.6		16.0	Intel	Core i5-1340P 1.9GHz	
✓ Samsung Galaxy Book3 Ultra	84	\$2,020	↑	↓	↑	↑	↑	↑	11	11	4		16.0	Intel	Core i9-13900H 2.6GHz	
✓ Apple MacBook Pro 16	84	\$2,300	↑	↑	↑	↑	↑	↑	14.25	13.75	4.7		16.2	Apple	M1 Pro (10 core) 3.22GHz	
Ⓢ LG Gram 16 (2022)	84	\$1,100	↑	↑	↑	↓	↑	↑	18	12.5	3.2	●	C	16.0	Intel	Core i7-1260P 2.1GHz
✓ Apple Macbook Air 15-inch (2024, M3, 8GB, 512GB)	82	\$1,500	↑	↑	↑	↑	↑	↓	13.75	12.5	3.3		15.3	Apple	M3 (8 core) 4.05GHz	
✓ Samsung Galaxy Book3 Pro 360	82	\$1,500	↑	↓	↑	↑	↑	↑	13	12.5	3.7	●	C	16.0	Intel	Core i7-1360P 2.2GHz
Ⓢ LG Gram 15 (2022)	81	\$870	↑	↑	↑	↓	↑	↑	17.75	11.5	2.5	●		15.6	Intel	Core i7-1260P 2.1GHz
✓ LG Gram Style 16	81	\$1,200	↑	↑	↑	↑	↑	↑	11.25	10	2.7		16.0	Intel	Core i7-1360P 2.2GHz	
Ⓢ Samsung Galaxy Book3 360	81	\$900	↑	↓	↑	↑	↑	↑	17	15.5	3.2	●	C	15.6	Intel	Core i7-1360P 2.2GHz
✓ MSI Prestige 16	80	\$1,400	↑	↑	↑	↑	↑	↑	25.5	22	3.5		16.0	Intel	Core Ultra 7 155H 3.86GHz	
✓ Samsung Galaxy Book4 360	80	\$1,350	↑	↓	↑	↑	↑	↑	18	14	3.2	●	C	15.6	Intel	Core 7 150U 1.8GHz
✓ Asus ROG Zephyrus G16 GU605MI-G16.U94070	80	\$2,000	↓	↓	↑	↑	↑	↑	10.75	10.25	4		16.0	Intel	Core-Ultra9 185H 2.56GHz	
✓ Lenovo Legion 7i 16	79	\$1,700	↓	↓	↓	↑	↑	↑	9.25	7.25	5		16.0	Intel	Core i7-14700HX 2.1GHz	
✓ HP Omen Transcend 16-U1023DX	79	\$2,200	↓	↓	↓	↑	↑	↑	9	7.25	4.9		16.0	Intel	Core i9-14900HX 2.2GHz	
✓ MSI Vector 16HX A14VGG-254US	79	\$2,200	↑	↑	↓	↑	↑	↑	7.75	6.75	5.8		16.0	Intel	Core i9-14900HX 2.2GHz	
✓ Samsung Galaxy Book2 Pro ( Intel ARC-Core i7)	79	\$1,450	↑	↓	↑	↑	↑	↑	15.5	12	2.6		15.6	Intel	Core i7-1260P 2.1GHz	
✓ MSI Vector 16HX A14VFG-246US	79	\$1,800	↑	↑	↓	↑	↑	↑	8.25	6	5.8		16.0	Intel	Core i9-14900HX 2.2GHz	



**COMPUTERS, LAPTOP**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features							
			Predicted reliability	Owner satisfaction	Portability	Performance	Display	Ergonomics	Versatility	Battery Life - web (hr.)	Battery Life - video (hr.)	Weight (lbs.)	Touch screen	2-in-1	Display size (in.)	Processor brand	Processor model name
<b>14-INCH LAPTOPS</b>																	
🇺🇸 LG Gram 14 (Core i5, 2023)	85	\$800	👍	👍	👍	👍	👍	👍	👍	26.75	19	2.2		14.0	Intel	Core i5-1340P 1.9GHz	
✔️ LG Gram Style 14	85	\$1,600	👍	👍	👍	👍	👍	👍	👍	14	11.5	2.2		14.0	Intel	Core i7-1360P 2.2GHz	
✔️ Apple MacBook Pro 14 (12 Core, M2 Pro)	85	\$2,500	👍	👍	👍	👍	👍	👍	👍	14	13.5	3.5		14.2	Apple	M2 Pro (12 core) 3.49GHz	
🇺🇸 LG Gram 14 (2022)	83	\$680	👍	👍	👍	👎	👍	👍	👍	24.5	14.75	2.7	•	C	14.0	Intel	Core i7-1260P 2.1GHz
✔️ Apple MacBook Pro 14 (10 Core, M2 Pro)	82	\$1,800	👍	👍	👍	👍	👍	👍	👍	14.5	14.25	3.5		14.2	Apple	M2 Pro (10 core) 3.49GHz	
✔️ Apple MacBook Pro 14 (10 Core)	82	\$2,100	👍	👍	👍	👍	👍	👍	👍	12.5	11.75	3.5		14.2	Apple	M1 Pro (10 core) 3.22GHz	
✔️ Samsung Galaxy Book4 Pro 14" (Core Ultra 7)	82	\$1,450	👍	👎	👍	👍	👍	👍	👍	15.75	14.25	2.7	•	14.0	Intel	Core Ultra 7 155H 3.8GHz	
✔️ Apple Macbook Pro 14 (11 Core, M3 Pro, 512GB)	81	\$2,000	👍	👍	👍	👍	👍	👍	👍	15	13.75	3.5		14.2	Apple	M3 Pro (11 core) 4.05GHz	
✔️ Apple MacBook Pro 14 (8 Core, M3, 512GB)	80	\$1,600	👍	👍	👍	👍	👍	👍	👍	14.75	13.25	3.4		14.2	Apple	M3 (8 core) 4.05GHz	
✔️ Samsung Galaxy Book4 Pro 14" (Core Ultra 5)	80	\$1,450	👍	👎	👍	👍	👍	👍	👍	14.75	13.5	2.7	•	14.0	Intel	Core Ultra 5 125H 3.6GHz	
✔️ MSI Summit E14FlipEvo A13MT-268US	77	\$1,700	👍	👍	👍	👍	👍	👍	👍	17.25	13.75	3.5	•	C	14.0	Intel	Core i7-1360P 2.2GHz
✔️ HP Pavilion Plus 14-EW1010NR	76	\$780	👎	👎	👍	👍	👍	👍	👍	22.25	16.5	3.3		14.0	Intel	Core Ultra 5 125H 3.6GHz	
✔️ Asus ZenBook UX3405MA-PH77	76	\$1,300	👎	👎	👍	👍	👍	👍	👍	18.5	16.25	2.8	•	14.0	Intel	Core Ultra 7 155H 3.8GHz	
✔️ Samsung Galaxy Book3 Pro 14"	76	\$1,200	👍	👎	👍	👍	👍	👍	👍	12.75	10.25	2.5		14.0	Intel	Core i7-1360P 2.2GHz	
✔️ HP Spectre 14-EU0013DX x360	75	\$1,630	👎	👎	👍	👍	👍	👍	👍	17.75	14	3.2	•	C	14.0	Intel	Core Ultra 7 155H 2.2GHz
🇺🇸 Acer Swift Go 14 SFG14-71T-71SZ	75	\$850	👎	👎	👍	👍	👍	👍	👍	23.75	15.25	3	•	14.0	Intel	Core i7-13700H 2.4GHz	
✔️ Lenovo Yoga Slim 7x - Copilot+ PC 83ED0001US	75	\$1,200	👎	👎	👍	👍	👍	👍	👍	16.5	18	2.8	•	14.5	Qualcomm	Snapdragon X Elite X1E78100 3.42GHz	
🇺🇸 MSI SUME1412017	74	\$850	👍	👍	👍	👍	👍	👍	👍	15.25	10.5	3.5	•	C	14.0	Intel	Core i5-1240P 2.1GHz
✔️ HP Envy 14-FA0023DX x360	74	\$1,050	👎	👎	👍	👍	👍	👍	👍	14.5	10.75	3.3	•	C	14.0	AMD	Ryzen 7 8840HS 3.3GHz
✔️ Lenovo ThinkPad X1 Carbon Gen 11 Intel	73	\$1,000	👎	👎	👍	👎	👍	👍	👍	22.5	13.5	2.6		14.0	Intel	Core i5-1335U 1.3GHz	
🇺🇸 MSI Prestige 14 Evo A12M-013	73	\$630	👍	👍	👍	👍	👍	👍	👍	14	8	2.7		14.0	Intel	Core i5-1240P 2.1GHz	
✔️ Asus ZenBook Flip 14 UP3404VADS74T	73	\$1,200	👎	👎	👍	👍	👍	👍	👍	14.25	11.5	3.3	•	C	14.0	Intel	Core i7-1360P 2.2GHz
✔️ HP Omen Transcend 14-FB0023DX	72	\$2,000	👎	👎	👎	👍	👍	👍	👍	10.75	8.25	3.6		14.0	Intel	Core Ultra 9 185H 2.5GHz	
🇺🇸 Acer Swift 3 SF314-512-52MZ	72	\$630	👎	👎	👍	👍	👍	👍	👍	23.25	13.25	2.8		14.0	Intel	Core i5-1240P 1.7GHz	
✔️ Lenovo Yoga 9i 14	71	\$1,400	👎	👎	👍	👍	👍	👍	👍	12	11	3.2	•	C	14.0	Intel	Core i7-1260P 2.1GHz
✔️ Lenovo Flex 7i 14	71	\$1,000	👎	👎	👍	👎	👍	👍	👍	11.75	10.25	3.4	•	C	14.0	Intel	Core i7-1355U 1.7GHz
✔️ HP Omen 14-fb0013dx	71	\$1,700	👎	👎	👎	👍	👍	👍	👍	10.75	8	3.6		14.0	Intel	Core Ultra 7 155H 2.8GHz	
🇺🇸 HP Pavilion Plus 14-EY0095CL	71	\$700	👎	👎	👍	👍	👍	👍	👍	12	10.5	3.1		14.0	AMD	Ryzen 7 7840U 3.3GHz	



**COMPUTERS, LAPTOP**

Brand + Model	Overall Score	Price	Survey Results		Test Results					Features							
			Predicted reliability	Owner satisfaction	Portability	Performance	Display	Ergonomics	Versatility	Battery Life - web (hr.)	Battery Life - video (hr.)	Weight (lbs.)	Touch screen	2-in-1	Display size (in.)	Processor brand	Processor model name
<b>12- TO 13-INCH LAPTOPS</b>																	
✓ Apple Macbook Air 13-inch (2024, M3 10-Core GPU, 16GB)	80	\$1,500	↑	↑	↑	↑	↑	↑	↓	14	12.25	2.7			13.6	Apple	M3 (8 core) 4.05GHz
✓ Apple MacBook Air-13 inch (2022, M2, 10 Core)	78	\$1,400	↑	↑	↑	↑	↑	↑	↓	13.5	12.25	2.7			13.3	Apple	M2 (8 core) 2GHz
Ⓢ Samsung Galaxy Book3 360 (Core i5)	77	\$1,000	↑	↓	↑	↓	↑	↑	↑	20	13.5	2.5	●	C	13.3	Intel	Core i5-1340P 1.9GHz
Ⓢ Apple MacBook Air 13-inch (2022, M2, 8 Core)	77	\$1,100	↑	↑	↑	↑	↑	↑	↓	12.75	11.75	2.7			13.3	Apple	M2 (8 core) 2GHz
✓ MSI Prestige 13	75	\$1,300	↑	↑	↑	↑	↑	↓	↑	15.5	14.25	2.1			13.3	Intel	Core Ultra 7 155H 3.8GHz
✓ Lenovo Slim 7i Carbon 13	75	\$1,200	↓	↓	↑	↓	↑	↑	↑	15.75	10.5	2.2	●		13.3	Intel	Core i7-1260P 2.1GHz
Ⓢ Samsung Galaxy Book2 Pro (Core i5)	75	\$780	↑	↓	↑	↓	↑	↑	↑	20	8.25	2			13.3	Intel	Core i5-1240P 1.7GHz
Ⓢ Apple MacBook Pro 13-Inch (2022, M2, 256GB)	74	\$1,000	↑	↑	↑	↑	↑	↑	↓	16	13.5	3			13.3	Apple	M2 (8 core) 3.5GHz
Ⓢ Apple MacBook Air 13-Inch (2020, M1)	74	\$900	↑	↑	↑	↓	↑	↑	↓	12.5	10.75	2.8			13.3	Apple	M1 (8 core) 3.2GHz
✓ Apple MacBook Pro 13-Inch (2022, M2, 512 GB)	74	\$1,100	↑	↑	↑	↑	↑	↑	↓	15.75	14	3.1			13.3	Apple	M2 (8 core) 3.5GHz
✓ Asus ZenBook Flip UP5302ZA-DH74T	73	\$1,160	↓	↓	↑	↑	↑	↑	↑	12.75	10.25	2.5	●	C	13.3	Intel	Core i7-1260P 2.1GHz
Ⓢ Samsung Galaxy Book Flex2 Alpha	72	\$920	↑	↓	↑	↓	↑	↑	↑	14	8.75	2.5	●	C	13.3	Intel	Core i7-1165G7 2.8GHz
✓ Asus ZenBook S13 OLED UX5304VA-XS76T	72	\$1,400	↓	↓	↑	↓	↑	↑	↑	15.75	13	2.3			13.3	Intel	Core i7-1355U 1.7GHz
✓ HP Spectre 14-EF2013DX x360	72	\$1,500	↓	↓	↑	↑	↑	↑	↑	20.25	14	3	●	C	13.5	Intel	Core i7-1355U 1.7GHz
✓ Microsoft Surface Laptop 5 (Core i7)	71	\$1,700	↓	↑	↑	↓	↑	↑	↑	15.75	11.5	2.9	●		13.5	Intel	Core i7-1255U 2.6GHz
✓ Dell XPS 13 9340	71	\$1,400	↓	↓	↑	↑	↑	↑	↑	25.5	18.25	2.7			13.4	Intel	Core Ultra 7 155H 1.4GHz
✓ Microsoft Surface Laptop 5 (core i5)	70	\$1,000	↓	↑	↑	↓	↑	↑	↑	14.5	11.25	2.8	●		13.5	Intel	Core i5-1235U 2.5GHz
Ⓢ Lenovo Yoga 6 13	69	\$800	↓	↓	↑	↓	↑	↑	↑	17.5	11.5	2.9	●	C	13.3	AMD	Ryzen 7 5700U 1.8GHz
✓ MSI Summit E13 Flip Evo	67	\$900	↑	↑	↓	↓	↑	↑	↑	11.75	6.75	2.9	●	C	13.4	Intel	Core i5-1240P 2.1GHz

**10- TO 11-INCH LAPTOPS**

Microsoft Surface Go 3 (Pentium)	50	\$450	↓	↑	↑	↓	↓	↓	↑	13.75	6.75	1.7	●	D	10.5	Intel	Pentium Gold 6500Y 1.1GHz
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➤ Digital and All Access members can find the latest, complete ratings at [CR.org/laptops](https://www.crbuyingguide.com/laptops).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first 3 years. Findings are from CR's 2021, 2022, and 2023 Winter Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend

the laptop they bought. Ergonomics represents the quality of the keyboard and pointing device, and accessibility of features. Portability is based on battery life under a mix of light and heavy tasks, size, and weight, including the keyboard dock for detachable laptops. Performance is based on performance while running productivity applications, multimedia applications, web browsing, and 3D games. Versatility includes hardware such as memory-card

slots and AV connections, software such as security programs, and tech support and warranty provisions. Display covers display size, clarity, color, brightness, and glare. Battery life - web [hr.] is the time it takes to deplete a fully charged battery while the laptop loads a sequence of web pages over WiFi. Bluetooth and 3G/4G are disabled and the screen is set to a specific brightness that's usable indoors or outdoors. Battery life - video [hr.] is

the time it takes to deplete a fully charged battery while the laptop loops a 4K video. Bluetooth and 3G/4G are disabled and the screen is set to a specific brightness that is usable indoors or outdoors. Weight (lb.) of the laptop as you would carry it around, including the battery but without the power adapter or a removable CD/DVD drive. Detachable laptops include the weight of the keyboard. Price is approximate retail.





# Digital Cameras

You'll find that today's models offer more options than ever, including wireless connectivity. Advanced point-and-shoot cameras can take high-quality pictures, but for more versatility consider a mirrorless or SLR model with interchangeable lenses.



### What to Look For

- A zoom lens with a wide-angle option (28mm or more) is ideal for panoramic landscapes or large groups.
- An optical or electronic viewfinder helps you conserve battery power or compose photos when bright light washes out your LCD.
- An LCD screen provides an

alternative to a conventional viewfinder.

- A touch screen makes it easier to adjust settings.
- A lens with a wide maximum aperture opening helps to capture images in low light.

### What to Skip

- Don't buy based on megapixel count alone:

Higher resolution doesn't always ensure better photos.

- Skip the extended warranty; most cameras are reliable.

### What You'll Pay

▪ For advanced point-and-shoots, \$600 to \$1,500 and up. For mirrorless cameras, \$500 to \$3,600. For SLRs, \$400 to \$2,800.

### BUYING ADVICE

If you don't intend to change the lens, consider an advanced point-and-shoot with a fixed lens. Many have excellent optics and lots of features.

For more buying advice, go to [CR.org/cameras](https://www.crguide.com/cameras).

Brand + Model	Overall Score	Price	Survey Results		Test Results						
			Predicted reliability	Owner satisfaction	Image quality	Ease of use	Video quality	LCD quality	Viewfinder	Flash photos	Image stabilization
<b>ADVANCED POINT-AND-SHOOT</b>											
✓ Fujifilm X100V	89	\$2,300	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Canon PowerShot G7 X Mark II	83	\$630	↑	↑	↑	↑	↑	↑	NA	↑	↑
✓ Sony Cyber-shot RX10 IV	83	\$1,700	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Canon Powershot G5 X Mark II	82	\$880	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Sony Cyber-shot RX100 VA	82	\$1,000	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Sony Cyber-shot RX100 VI	82	\$830	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Canon PowerShot G7 X Mark III	81	\$750	↑	↑	↑	↑	↑	↑	NA	↓	↑
✓ Panasonic Lumix DMC-LX10	81	\$450	↓	↑	↑	↑	↑	↑	NA	↑	↑
✓ Leica V-Lux 5	80	\$1,600	—	—	↑	↑	↑	↑	↑	↑	↑
✓ Sony Cyber-shot RX100 V	80	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Sony Cyber-shot RX100 VII	80	\$1,300	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Sony Cyber-shot RX1R II	80	\$3,300	↑	↑	↑	↑	↑	↑	↑	NA	↑



**DIGITAL CAMERAS**

Brand + Model	Overall Score	Price	Survey Results		Test Results							
			Predicted reliability	Owner satisfaction	Image quality	Ease of use	Video quality	LCD quality	Viewfinder	Flash photos	Image stabilization	
<b>ADVANCED POINT-AND-SHOOT</b> <i>Continued</i>												
Panasonic Lumix DMC-FZ2500	78	\$900	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆
Ricoh GR III	78	\$970	—	—	⬆	⬆	⚠	⬆	⬆	NA	NA	⬆
Sony Cyber-shot RX100 III	78	\$750	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆
Panasonic Lumix DMC-ZS100	78	\$450	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆
<b>MIRRORLESS</b>												
✓ Fujifilm X-T4 w/ 16-80mm OIS	92	\$2,200	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Fujifilm X-T4 w/ 18-55mm OIS	91	\$1,950	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Nikon Z6 w/ 24-70mm S	90	\$2,600	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Fujifilm X-H2 w/ 16-80mm	88	\$2,400	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Nikon Z7 w/ 24-70mm S	88	\$3,200	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Canon EOS R6 w/ RF 24-105mm	88	\$3,100	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Sony Alpha A7 III w/ 28-70mm OSS	88	\$2,200	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Fujifilm X-T5 w/ 18-55mm	87	\$2,100	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Canon EOS R6 Mark II w/ 24-105mm	87	\$2,800	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Panasonic Lumix DC-GH6 w/ 12-60mm	86	\$2,300	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Nikon Z6 II w/ Z 24-70mm	86	\$2,600	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Canon EOS R w/ 24-105mm IS USM	86	\$2,500	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Canon EOS R10 w/ 18-45mm IS STM	85	\$980	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆
✓ Nikon Z7 II w/ 24-70mm S	85	\$3,600	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Sony Alpha A7 II w/ FE 28-70mm f/3.5-5.6	85	\$1,600	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Sony Alpha 7C w/ FE 28-60mm	85	\$2,100	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Panasonic Lumix DC-S1 w/ 24-105mm	84	\$3,400	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Canon EOS R7 w/ 18-150mm IS STM	84	\$1,800	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Nikon Z 30 w/ 18-140mm	84	\$1,300	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Panasonic Lumix DC-GH5 w/ 12-60mm	84	\$1,800	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Nikon Z fc w/ 16-50mm	83	\$1,100	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Nikon Z 50 w/ 16-50mm	83	\$1,000	⚠	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆
✓ Panasonic Lumix DC-G9 w/ 12-60mm	83	\$1,100	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ Canon EOS R10 w/ 18-150mm IS STM	83	\$1,380	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆
✓ Panasonic Lumix DC-S5 w/ 20-60mm	83	\$1,600	⬆	⬆	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆
✓ OM SYSTEM OM-D E-M1 III w/ 12-40mm	82	\$2,500	—	—	⬆	⬆	⬆	⬆	⬆	⬆	NA	⬆



**DIGITAL CAMERAS**

Brand + Model	Overall Score	Price	Survey Results		Test Results							
			Predicted reliability	Owner satisfaction	Image quality	Ease of use	Video quality	LCD quality	Viewfinder	Flash photos	Image stabilization	
<b>MIRRORLESS</b> <i>Continued</i>												
✓ Canon EOS RP w/ RF 24-105mm	82	\$1,300	↑	↑	↑	↑	↑	↑	↑	↑	NA	↑
✓ Nikon Z 5 w/ 24-50mm	82	\$1,600	↓	↑	↑	↑	↑	↑	↑	↑	NA	↑
✓ Canon EOS M50 Mark II w/ 15-45mm	81	\$600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Nikon Z 30 w/ 16-50mm	81	\$800	↓	↑	↑	↑	↑	↑	↑	NA	NA	↑
✓ OM SYSTEM OM-1 w/ 12-40mm PRO II	81	\$2,800	—	—	↑	↑	↑	↑	↑	↑	NA	↑
✓ Canon EOS M6 Mark II w/ 15-45mm	81	\$1,100	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Panasonic Lumix DC-G95 w/ 12-60mm	81	\$800	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑
✓ Canon EOS M200 w/ 15-45mm IS STM	80	\$550	↑	↑	↑	↑	↑	↑	↑	NA	↑	↑
✓ Panasonic Lumix DMC-G85 w/ 12-60mm f/3.5-5.6 Power OIS	80	\$700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Olympus OM-D E-M1 III w/ 12-100mm	80	\$2,700	↓	↑	↑	↑	↑	↑	↑	↑	NA	↑
✓ Panasonic Lumix DMC-G7K w/ 14-42mm	80	\$550	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑
Panasonic Lumix DC-GH5 II w/ 12-60mm	79	\$1,800	↑	↑	↑	↑	↑	↑	↑	↑	NA	↑
Sony Alpha A6400 w/ E 18-135mm	79	\$1,300	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑
Sony Alpha A6600 w/ 18-135mm	79	\$1,800	↑	↑	↑	↑	↑	↑	↑	↑	NA	↑
<b>SLR</b>												
✓ Canon EOS 850D Rebel T8i w/ 18-55mm	81	\$900	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Canon EOS 90D w/ 18-55mm IS STM	80	\$1,230	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Canon EOS 6D Mark II w/ 24-105mm IS STM	80	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	NA	↑
Canon Rebel SL3 w/ 18-55mm	78	\$750	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Canon EOS 90D w/ 18-135mm IS USM NANO	77	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Canon EOS 2000D Rebel T7 w/ 18-55mm	75	\$400	↑	↑	↑	↑	↑	↑	↓	↑	↑	↑
Nikon D 780 w/ 24-120mm VR	71	\$2,800	↑	↑	↓	↑	↑	↑	↑	↑	NA	↓
Pentax KF w/ 18-55mm	70	\$950	↓	↓	↑	↑	↓	↑	↑	↑	↑	↑
Nikon D7500 w/ 18-140mm VR	68	\$1,400	↑	↑	↓	↑	↑	↑	↑	↑	↑	↓

➤ Digital and All Access members can find the latest, complete ratings at [CR.org/cameras](https://www.crbuyingguide.com/cameras).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first four years. Findings are based on CR's 2020, 2021, and 2022 Winter

Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the digital camera they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (—), the brand gets weighted category average scores for reliability and satisfaction.

Image quality combines several tests, including regular photos, low-light photos, and flash photos as well as color tests, among others. Ease of use is our evaluation of the camera's controls, manual, response time, and focusing. Video quality mostly reflects footage shot in regular and low light, with audio quality and macro (close-up)

capability also considered. LCD quality and Viewfinder is a judgment of images viewed under various lighting conditions. Flash photos tests the quality of the built-in flash's light output and evenness of illumination. Image stabilization is our evaluation of the camera's ability to compensate for handheld camera shake. Price is approximate retail.



# Noise-Canceling Headphones

These high-tech headphones help eliminate outside noise before it reaches your ears, making it easier to focus on the sounds you actually want to hear. They come in all sizes and types, from tiny earbuds to big, over-the-ear models.

### What to Look For

- The best models offer clear, accurate sound, sufficient volume, and a comfortable fit.
- Wireless headphones eliminate the problem of cords tangling or flapping.
- Variable noise cancellation or “transparency” modes let you selectively allow some outside noise back in—like

when you want to hear what’s going on around you while you’re walking outside.

- A model with a mic that doubles as a headset allow you to answer or place calls without using your phone.

### What to Skip

- No need to pay a high price just to get a big-brand name.

### What You’ll Pay

■ Prices for both wireless and over-ear models run the gamut, from around \$50 all the way up to \$500-plus. But you can find recommended models of either type at the lower end of the price spectrum—though the pricier picks may have more features included.

### BUYING ADVICE

If you want the best sound, especially for serious music listening, consider the models that earned a top sound quality rating from our testers.

For more buying advice, go to [CR.org/headphones](https://www.consumerreports.org/headphones).

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features	
			Predicted reliability	Owner satisfaction	Sound quality	Noise reduction	Type	Design
<b>NOISE-CANCELING WIRELESS OVER-EAR &amp; ON-EAR HEADPHONES</b>								
✓ Bowers & Wilkins Px7 S2e	79	\$400	↑	↑	↑	↑	Over-ear	Closed
✓ Bowers & Wilkins PX7 S2	79	\$400	↑	↑	↑	↑	Over-ear	Closed
✓ Apple AirPods Max	79	\$500	↑	↑	↑	↑	Over-ear	Closed
✓ Bang & Olufsen Beoplay HX	78	\$600	↑	↑	↑	↑	Over-ear	Closed
✓ Sonos Ace	76	\$450	—	—	↑	↑	Over-ear	Closed
✓ Dyson Zone	76	\$550	—	—	↑	↑	Over-ear	Closed
✓ Bose QuietComfort Wireless Noise Cancelling	75	\$350	↑	↑	↑	↑	Over-ear	Closed
✓ Bose QuietComfort Ultra Headphone	75	\$430	↑	↑	↑	↑	Over-ear	Closed
✓ Sony WH-1000XM5	75	\$400	↑	↑	↑	↑	Over-ear	Closed
✓ Sony WH-1000XM4	75	\$250	↑	↑	↑	↑	Over-ear	Closed
✓ Sennheiser MOMENTUM 4	74	\$300	↑	↑	↑	↑	Over-ear	Closed
Ⓢ soundcore Q20i Hybrid Active Noise Cancelling	73	\$70	↑	↑	↑	↑	Over-ear	Closed
Ⓢ soundcore Life Q20	73	\$60	↑	↑	↑	↑	Over-ear	Closed



**NOISE-CANCELING HEADPHONES**

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features	
			Predicted reliability	Owner satisfaction	Sound quality	Noise reduction	Type	Design

**NOISE-CANCELING WIRELESS OVER-EAR & ON-EAR HEADPHONES** *Continued*

📌 Shure AONIC 40	73	\$100	—	—	⬆️	⬆️	Over-ear	Closed
✔️ Beats by Dr. Dre Beats Studio Pro	73	\$250	⬆️	⬆️	⬆️	⬆️	Over-ear	Closed
✔️ Cleer Alpha	72	\$200	—	—	⬆️	⬆️	Over-ear	Closed
✔️ JBL Live 660NC	71	\$140	⬆️	⬇️	⬆️	⬆️	Over-ear	Closed
✔️ JBL Tour One M2	71	\$300	⬆️	⬇️	⬆️	⬆️	Over-ear	Closed
✔️ Puro Sound Labs PuroPro	71	\$150	—	—	⬆️	⬆️	Over-ear	Closed
📌 JBL Tune 660NC	71	\$80	⬆️	⬇️	⬆️	⬆️	On-ear	Closed
✔️ Marshall Monitor II A.N.C.	70	\$300	—	—	⬆️	⬆️	Over-ear	Closed
✔️ JBL Live 460NC	68	\$90	⬆️	⬇️	⬆️	⬆️	On-ear	Closed
📌 Monoprice BT-300ANC	68	\$45	⬆️	⬆️	⬆️	⬆️	Over-ear	Closed
✔️ soundcore Life Q30	68	\$80	⬆️	⬆️	⬆️	⬆️	Over-ear	Closed
📌 1MORE SonoFlow SE Noise Cancelling Headphones HQ30	67	\$55	—	—	⬆️	⬆️	Over-ear	Closed
✔️ soundcore Space One	66	\$100	⬆️	⬆️	⬇️	⬆️	Over-ear	Closed
✔️ Sennheiser HD 450BT	66	\$130	⬆️	⬆️	⬇️	⬆️	Over-ear	Closed
Yamaha YH-E700A	64	\$350	—	—	⬇️	⬆️	Over-ear	Closed
JBL LIVE 770NC	64	\$200	⬆️	⬇️	⬆️	⬆️	Over-ear	Closed
Sony ULT WEAR Wireless Noise Canceling Headphones	64	\$200	⬆️	⬆️	⬇️	⬆️	Over-ear	Closed
1MORE SonoFlow	64	\$100	—	—	⬆️	⬆️	Over-ear	Closed
Philips Fidelio L3	63	\$350	—	—	⬇️	⬆️	Over-ear	Closed

**NOISE-CANCELING WIRELESS EARBUDS**

✔️ Sony WF-1000XM5	86	\$250	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Sony WF-1000XM4	86	\$280	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Bose QuietComfort Earbuds II	76	\$200	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Bose QuietComfort Ultra Earbuds	76	\$300	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Sennheiser MOMENTUM True Wireless 4	75	\$300	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Sennheiser Accentum True Wireless	75	\$200	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Sennheiser Momentum Sport	75	\$330	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Sennheiser CX Plus	75	\$180	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
📌 soundcore Space A40	74	\$60	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating
✔️ Beats by Dr. Dre Beats Fit Pro	73	\$200	⬆️	⬆️	⬆️	⬆️	Ear-insert	Isolating



**NOISE-CANCELING HEADPHONES**

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features	
			Predicted reliability	Owner satisfaction	Sound quality	Noise reduction	Type	Design
<b>NOISE-CANCELING WIRELESS EARBUDS</b> <i>Continued</i>								
✓ Apple AirPods Pro (2nd generation) with MagSafe Case (USB-C)	72	\$250	↑	↑	↑	↑	Ear-insert	Isolating
✓ Tribit FlyBuds C1 Pro BTHA2	72	\$90	—	—	↑	↑	Ear-insert	Isolating
✓ House of Marley Redemption ANC 2	72	\$170	—	—	↑	↑	Ear-insert	Isolating
✓ Denon PerL	72	\$160	—	—	↑	↑	Ear-insert	Isolating
✓ Bang & Olufsen Beoplay EX	72	\$400	↑	↑	↑	↑	Ear-insert	Isolating
✓ Sony LinkBuds S	71	\$200	↑	↑	↑	↑	Ear-insert	Isolating
✓ Jabra Elite 10	71	\$250	↓	↑	↑	↑	Ear-insert	Isolating
💰 Jabra Elite 4	71	\$70	↓	↑	↑	↑	Ear-insert	Isolating
✓ LG TONE Free Fit TF8Q	71	\$120	—	—	↑	↑	Ear-insert	Isolating
✓ Sony WF-C700N	71	\$120	↑	↑	↑	↑	Ear-insert	Isolating
💰 1MORE ComfoBuds Pro	71	\$60	—	—	↑	↑	Ear-insert	Isolating
✓ 1MORE Evo	71	\$170	—	—	↑	↑	Ear-insert	Isolating
✓ JBL Tour Pro 2	71	\$250	↑	↓	↑	↑	Ear-insert	Isolating
✓ Technics Hi-Fi True Wireless Earbuds II with Noise Cancelling EAH-AZ60M2	71	\$250	—	—	↑	↑	Ear-insert	Isolating
✓ Klipsch T5 II True Wireless ANC	70	\$150	—	—	↑	↑	Ear-insert	Isolating
✓ Audio-Technica ATH-TWX7	70	\$200	↑	↓	↑	↑	Ear-insert	Isolating
💰 JBL Tune 130NC	70	\$60	↑	↓	↑	↑	Ear-insert	Isolating
✓ Beats by Dr. Dre Beats Studio Buds +	70	\$170	↑	↑	↑	↑	Ear-insert	Isolating
✓ beats by dre Beats Studio Buds	70	\$150	↑	↑	↑	↑	Ear-insert	Isolating
✓ Google Pixel Buds Pro	69	\$140	—	—	↑	↑	Ear-insert	Isolating
✓ Bowers & Wilkins Pi5 S2	69	\$300	↑	↑	↑	↑	Ear-insert	Isolating
✓ Beyerdynamic Free BYRD	69	\$140	—	—	↑	↑	Ear-insert	Isolating
✓ Skullcandy Rail ANC	68	\$100	↓	↓	↑	↑	Ear-insert	Isolating
✓ JBL Live Free 2	68	\$120	↑	↓	↑	↑	Ear-insert	Isolating
✓ House of Marley Redemption ANC	68	\$100	—	—	↑	↓	Ear-insert	Isolating
✓ Jabra Elite 5	67	\$150	↓	↑	↑	↑	Ear-insert	Isolating
✓ Jabra Connect 5t	67	\$170	↓	↑	↑	↑	Ear-insert	Isolating
✓ Altec Lansing NanoBuds ANC	67	\$60	—	—	↑	↑	Ear-insert	Isolating
✓ Samsung Galaxy Buds FE	67	\$100	↑	↓	↑	↑	Ear-insert	Isolating
✓ Samsung Galaxy Buds2	67	\$100	↑	↓	↑	↑	Ear-insert	Isolating



**NOISE-CANCELING HEADPHONES**

Brand + Model	Overall Score	Price	Survey Results		Test Results		Features	
			Predicted reliability	Owner satisfaction	Sound quality	Noise reduction	Type	Design

**NOISE-CANCELING WIRELESS EARBUDS** *Continued*

✓ <b>Master &amp; Dynamic</b> MW08	67	\$300	—	—	↑	↑	Ear-insert	Isolating
✓ <b>Samsung</b> Galaxy Buds2 Pro	67	\$230	↑	↓	↑	↑	Ear-insert	Isolating
✓ <b>Cleer</b> Roam Sport	67	\$100	—	—	↑	↓	Ear-insert	Isolating
✓ <b>soundcore</b> LIFE Dot 3i	66	\$50	↑	↑	↓	↑	Ear-insert	Isolating
✓ <b>soundcore</b> Liberty 3 Pro	66	\$110	↑	↑	↓	↑	Ear-insert	Isolating
✓ <b>soundcore</b> Liberty 4	66	\$100	↑	↑	↓	↑	Ear-insert	Isolating
✓ <b>Jabra</b> Elite 4 Active	66	\$120	↓	↑	↑	↑	Ear-insert	Isolating
✓ <b>soundcore</b> Sport X20	66	\$80	↑	↑	↑	↑	Ear-insert	Isolating
✓ <b>soundcore</b> Liberty 4 NC	66	\$100	↑	↑	↓	↑	Ear-insert	Isolating
✓ <b>soundcore</b> Sport X10	66	\$70	↑	↑	↓	↑	Ear-insert	Isolating
✓ <b>LG</b> Tone Free T90Q	65	\$180	—	—	↓	↑	Ear-insert	Isolating
<b>Marshall</b> MOTIF II A.N.C	64	\$200	—	—	↑	↑	Earbud	Isolating
<b>JVC</b> Compact True Wireless with Noise Cancelling HA-A30T	64	\$60	—	—	↑	↑	Ear-insert	Isolating
<b>1MORE</b> Aero Wireless Earbuds	64	\$110	—	—	↓	↑	Ear-insert	Isolating
<b>JBL</b> Tune Buds	64	\$100	↑	↓	↑	↑	Ear-insert	Isolating
<b>Motorola</b> moto buds+	63	\$130	—	—	↑	↑	Ear-insert	Isolating
<b>JLab Audio</b> Epic Air ANC -2nd Gen	61	\$100	↓	↓	↑	↑	Ear-insert	Isolating
<b>Skullcandy</b> Indy ANC Fuel True Wireless	61	\$100	↓	↓	↓	↑	Ear-insert	Isolating
<b>1MORE</b> PistonBuds Pro True Wireless Active Noise Canceling	61	\$50	—	—	↓	↑	Ear-insert	Isolating

> Digital and All Access members can find the latest, complete ratings at [CR.org/headphones](https://www.crisp.com/headphones).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given

brand will develop problems or break within the first two years. Findings are from CR's 2020 and 2022 Summer Quarterly Surveys. Owner satisfaction reflects the proportion of members who are extremely likely to recommend

their headphones brand. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (—), we give the model weighted category average scores for reliability and

satisfaction. Sound quality represents the tonal accuracy, clarity, detail, ambiance, and dynamics of the audio reproduced by the headphones. Price is approximate retail.



# Printers

Printers come in two basic varieties: laser printers and inkjet printers. Within each category there are all-in-one models that can also copy, scan, and fax—and regular printers without those capabilities. Some laser printers only print in black-and-white.



### What to Look For

- A laser printer can deliver reliability and fast, low-cost, crisp black text.
- A color inkjet offers versatility. You can print color photos and graphics as well as text.
- All-in-one printers, which come in both inkjet and laser varieties, let you not only

print but also copy, scan, and, in some models, fax.

### What to Skip

- Color laser printers cost more to buy and run than black-and-white models and aren't designed for printing photos.
- The cheapest inkjet printers require pricey or use low-

capacity ink cartridges and get mid-range or sub-par ratings for reliability and owner satisfaction.

### What You'll Pay

- Inkjet printers can cost as little as \$40 up to \$350 and more, while laser printers start at around \$100 and range up to \$500 and more.

### BUYING ADVICE

Ink can often add hundreds of dollars to your printing costs over the years. Models with ink tanks have much lower long-term costs.

For more buying advice, go to [CR.org/printers](https://www.consumerreports.org/printers).

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Text quality	Text speed	Graphics quality	Maintenance ink use	Versatility	Ease of use	Ink cost/year (\$)	Maximum paper size	Auto-duplex printing
<b>REGULAR BLACK-AND-WHITE LASER PRINTERS</b>													
✓ Canon imageCLASS LBP247dw	85	\$350	↑	↑	↑	↑	↓	↑	↑	↑	13	8.5x14	•
✓ Canon imageCLASS LBP246dw	79	\$230	↑	↑	↑	↑	↓	↑	↑	↓	13	8.5x14	•
✓ Brother HL-L6210DW	76	\$300	↑	↑	↑	↑	↓	↑	↑	↓	10	8.5x14	•
✓ Brother HL-L5200DW	76	\$335	↑	↑	↑	↑	↓	↑	↓	↓	5	8.5x14	•
✓ Brother HL-L5210DN	76	\$285	↑	↑	↑	↑	↓	↑	↓	↓	10	8.5x14	•
✓ Brother HL-L6210DWT	75	\$300	↑	↑	↑	↑	↓	↑	↑	↓	10	8.5x14	•
✓ Brother HL-L2370DW	73	\$160	↑	↑	↑	↑	↓	↑	↓	↓	13	8.5x14	•
Ⓢ Canon imageCLASS LBP122dw	73	\$105	↑	↑	↑	↑	↓	↑	↓	↓	14	8.5x14	•
Ⓢ Brother HL-L2325DW	70	\$110	↑	↑	↑	↑	↓	↑	↓	↓	14	8.5x14	•
✓ Xerox B310/DNI	70	\$300	—	—	↑	↑	↓	↑	↑	↓	11	8.5x14	•
✓ HP LaserJet Tank 2504dw	67	\$320	↑	↑	↑	↑	↓	↑	↑	↓	2	8.5x14	•
✓ HP LaserJet Pro M404n	64	\$330	↑	↑	↑	↑	↓	↑	↓	↓	11	8.5x14	•
✓ HP LaserJet M209dwe	64	\$150	↑	↑	↑	↑	↓	↑	↓	↓	15	8.5x14	•
✓ HP LaserJet Pro 3001dw	63	\$200	↑	↑	↑	↑	↓	↑	↓	↓	12	8.5x14	•



**PRINTERS**

Brand + Model	Overall Score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Text quality	Text speed	Graphics quality	Maintenance ink use	Versatility	Ease of use	Ink cost/year (\$)	Maximum paper size	Auto-duplex printing
<b>REGULAR COLOR LASER PRINTERS</b>													
📌 <b>Brother HL-L8245CDW</b>	79	\$370	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	89	8.5x14	•
✓ <b>Brother HL-L3295CDW</b>	78	\$370	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	94	8.5x14	•
📌 <b>Brother HL-L3270CDW</b>	74	\$290	⬆️	⬆️	⬆️	⬇️	⬆️	⬆️	⬆️	⬇️	77	8.5x14	•
✓ <b>Xerox C310/DNI</b>	73	\$425	—	—	⬆️	⬇️	⬆️	⬆️	⬇️	⬇️	50	8.5x14	•
📌 <b>Brother HL-L3280CDW</b>	73	\$300	⬆️	⬆️	⬆️	⬇️	⬆️	⬆️	⬇️	⬆️	93	8.5x14	•
✓ <b>Brother HL-L8360CDW</b>	73	\$480	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬇️	⬇️	60	8.5x14	•
✓ <b>HP Color LaserJet Pro 4201dw</b>	72	\$400	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬇️	⬇️	143	8.5x14	•
✓ <b>Lexmark C3426dw</b>	70	\$505	—	—	⬆️	⬇️	⬆️	⬆️	⬇️	⬇️	83	8.5x14	•
✓ <b>HP Color LaserJet Pro 4201dn</b>	70	\$570	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬇️	⬇️	82	8.5x14	•
✓ <b>Canon Color imageClass LBP674Cdw</b>	69	\$590	⬇️	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	82	8.5x14	•
📌 <b>Brother HL-L3220CDW</b>	68	\$250	⬆️	⬆️	⬆️	⬇️	⬆️	⬆️	⬇️	⬇️	94	8.5x14	•
✓ <b>HP Color LaserJet Pro M454dn</b>	67	\$570	⬆️	⬆️	⬆️	⬆️	⬇️	⬆️	⬇️	⬇️	72	8.5x14	•
✓ <b>Brother HL-L8260CDW</b>	65	\$410	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	⬇️	⬇️	57	8.5x14	•
✓ <b>Canon Color imageClass LBP632Cdw</b>	62	\$350	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬇️	⬇️	57	8.5x14	•
<b>Xerox C230/DNI</b>	59	\$245	—	—	⬇️	⬇️	⬆️	⬆️	⬇️	⬇️	93	8.5x14	•
<b>Canon Color imageClass LBP622Cdw</b>	57	\$300	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬇️	⬇️	58	8.5x14	•
<b>REGULAR CARTRIDGE INKJET PRINTERS</b>													
<b>Canon Pixma iP8720</b>	50	\$215	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬇️	⬇️	135	13x19	•
<b>Epson Workforce Pro WF-7310</b>	50	\$180	⬇️	⬇️	⬆️	⬆️	⬆️	⬆️	⬇️	⬇️	70	13x19	•
<b>Canon PIXMA TS702a</b>	48	\$90	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬆️	⬇️	140	8.5x14	•
<b>HP OfficeJet 200 Mobile</b>	46	\$290	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬆️	⬆️	65	8.5x14	•
<b>Canon Pixma TR150</b>	42	\$200	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬆️	⬆️	62	8.5x14	•
<b>HP OfficeJet Pro 9110b</b>	42	\$180	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬆️	⬆️	48	8.5x14	•
<b>Canon Pixma iX6820</b>	40	\$135	⬇️	⬇️	⬆️	⬇️	⬆️	⬆️	⬆️	⬆️	121	13x19	•
<b>Canon Maxify iB4120</b>	36	\$170	⬇️	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	60	8.5x14	•
<b>Epson Workforce WF-110</b>	36	\$330	⬇️	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	48	8.5x14	•
<b>Epson Expression Photo HD- XP-15000</b>	31	\$400	⬇️	⬇️	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	143	11x17	•
<b>REGULAR TANK INKJET PRINTERS</b>													
<b>Canon MegaTank PIXMA G1230</b>	49	\$90	—	—	⬆️	⬆️	⬆️	⬆️	⬆️	⬆️	3	8.5x14	•



**PRINTERS**

Brand + Model	Overall score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Text quality	Text speed	Graphics quality	Maintenance ink use	Versatility	Ease of use	Ink cost/year (\$)	Maximum paper size	Auto-duplex printing

**ALL-IN-ONE BLACK-AND-WHITE LASER PRINTERS**

✓ <b>Brother</b> MFC-L5915DW	81	\$530	↑	↑	↑	↑	↓	↑	↑	↑	11	8.5x14	•
Ⓢ <b>Canon</b> imageClass MF465dw	78	\$300	↑	↑	↑	↑	↓	↑	↑	↑	15	8.5x14	•
Ⓢ <b>Brother</b> HL-L2480DW	76	\$220	↑	↑	↑	↑	↓	↑	↓	↑	19	8.5x14	•
✓ <b>Canon</b> imageClass MF453dw	76	\$355	↑	↑	↑	↑	↓	↑	↑	↑	16	8.5x14	•
Ⓢ <b>Canon</b> imageClass MF451dw	75	\$300	↑	↑	↑	↑	↓	↑	↑	↑	16	8.5x14	•
Ⓢ <b>Brother</b> MFC-L2820DW	74	\$250	↑	↑	↑	↑	↓	↑	↓	↑	19	8.5x14	•
✓ <b>Brother</b> MFC-L5700DW	74	\$440	↑	↑	↑	↑	↓	↑	↑	↑	6	8.5x14	•
Ⓢ <b>Brother</b> DCP-L2640DW	74	\$200	↑	↑	↑	↑	↓	↑	↓	↓	19	8.5x14	•
Ⓢ <b>Brother</b> HL-L2395DW	73	\$220	↑	↑	↑	↑	↓	↑	↑	↑	15	8.5x14	•
✓ <b>Brother</b> DCP-L5500DN	72	\$415	↑	↑	↑	↑	↓	↑	↓	↑	6	8.5x14	•
Ⓢ <b>Canon</b> imageClass MF273dw	70	\$160	↑	↑	↑	↑	↓	↑	↓	↑	18	8.5x14	•
Ⓢ <b>Canon</b> imageClass MF267dw II	70	\$230	↑	↑	↑	↑	↓	↑	↓	↑	18	8.5x14	•
✓ <b>Canon</b> imageClass MF455dw	70	\$270	↑	↑	↑	↓	↓	↑	↑	↑	16	8.5x14	•
✓ <b>Canon</b> imageClass D1620	70	\$455	↑	↑	↑	↓	↓	↑	↑	↑	16	8.5x14	•
Ⓢ <b>Canon</b> imageClass MF275dw	70	\$200	↑	↑	↑	↑	↓	↑	↓	↑	16	8.5x14	•
✓ <b>Canon</b> imageClass MF269dw II VP	70	\$310	↑	↑	↑	↑	↓	↑	↑	↑	18	8.5x14	•
Ⓢ <b>Brother</b> MFC-L2690DW	68	\$170	↑	↑	↑	↑	↓	↑	↓	↓	15	8.5x14	•
Ⓢ <b>Canon</b> imageClass MF272dw	68	\$130	↑	↑	↑	↑	↓	↑	↓	↓	16	8.5x14	•
<b>Brother</b> DCP-L2550DW	64	\$220	↑	↑	↑	↑	↓	↑	↓	↓	14	8.5x14	•
<b>HP</b> LaserJet Tank MFP 2604sdw	64	\$420	↑	↑	↑	↑	↓	↑	↓	↓	3	8.5x14	•
<b>HP</b> LaserJet Pro M227fdw	63	\$330	↑	↑	↑	↑	↓	↑	↑	↑	12	8.5x14	•
<b>HP</b> Neverstop 1202w	61	\$400	↑	↑	↑	↓	↓	↑	↓	↓	2	8.5x14	•
<b>HP</b> LaserJet Pro MFP M428fdw	60	\$600	↑	↑	↑	↑	↓	↑	↑	↑	14	8.5x14	•
<b>HP</b> LaserJet MFP M235dwe	58	\$110	↑	↑	↑	↑	↓	↑	↓	↓	17	8.5x14	•
<b>Xerox</b> B235/DNI	58	\$295	—	—	↑	↑	↓	↑	↑	↑	16	8.5x14	•
<b>HP</b> LaserJet MFP M140we	58	\$170	↑	↑	↑	↑	↓	↑	↓	↓	19	8.5x14	•
<b>Canon</b> imageClass MF3010 VP	57	\$110	↑	↑	↑	↓	↓	↑	↓	↓	19	8.5x14	•
<b>Xerox</b> B225/DNI	57	\$180	—	—	↑	↑	↓	↑	↓	↑	16	8.5x14	•
<b>HP</b> LaserJet MFP M139we	54	\$65	↑	↑	↑	↓	↓	↑	↓	↓	19	8.5x14	•

**ALL-IN-ONE COLOR LASER PRINTERS**

✓ <b>Brother</b> MFC-L8395CDW	74	\$540	↑	↑	↑	↑	↓	↑	↑	↑	92	8.5x14	•
✓ <b>Canon</b> Color imageClass MF753Cdw	73	\$500	↓	↓	↑	↑	↑	↑	↑	↑	64	8.5x14	•
✓ <b>Brother</b> MFC-L3780CDW	70	\$500	↑	↑	↑	↑	↑	↑	↑	↑	96	8.5x14	•



**PRINTERS**

Brand + Model	Overall score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Text quality	Text speed	Graphics quality	Maintenance ink use	Versatility	Ease of use	Ink cost/year (\$)	Maximum paper size	Auto-duplex printing

**ALL-IN-ONE COLOR LASER PRINTERS** *Continued*

✓ <b>Brother</b> MFC-L8900CDW	69	\$650	↑	↑	↑	↑	↑	↑	↑	↑	↓	59	8.5x14	•
✓ <b>Canon</b> Color imageClass MF656Cdw	69	\$400	↓	↓	↑	↓	↑	↑	↑	↑	↑	59	8.5x14	•
💰 <b>Canon</b> Color imageCLASS MF652Cw	68	\$230	↓	↓	↑	↓	↑	↑	↑	↓	↑	66	8.5x14	•
✓ <b>Brother</b> MFC-L8905CDW	67	\$700	↑	↑	↑	↑	↑	↑	↑	↑	↓	55	8.5x14	•
✓ <b>HP</b> Color LaserJet Pro MFP 3301fdw	66	\$530	↑	↑	↑	↓	↑	↑	↑	↑	↑	84	8.5x14	•
✓ <b>Brother</b> MFC-L3770CDW	66	\$475	↑	↑	↑	↓	↑	↑	↑	↑	↓	105	8.5x14	•
✓ <b>HP</b> Color LaserJet Pro MFP 4301fdw	66	\$470	↑	↑	↑	↑	↑	↑	↑	↑	↑	80	8.5x14	•
<b>Brother</b> MFC-L3720CDW	65	\$400	↑	↑	↑	↓	↑	↑	↑	↓	↑	96	8.5x14	•
<b>Brother</b> HL-L3300CDW	65	\$370	↑	↑	↑	↓	↑	↑	↑	↓	↓	98	8.5x14	•
<b>Canon</b> imageClass MF642Cdw	63	\$350	↓	↓	↑	↓	↑	↑	↑	↓	↓	63	8.5x14	•
<b>HP</b> Color LaserJet Pro M182nw	60	\$430	↑	↑	↑	↓	↑	↑	↑	↓	↓	146	8.5x14	•
<b>HP</b> Color Laserjet Pro MFP M183fw	59	\$295	↑	↑	↑	↓	↑	↑	↑	↓	↓	75	8.5x14	•
<b>Lexmark</b> MC3224i	54	\$605	↓	↓	↑	↓	↑	↑	↑	↓	↑	93	8.5x14	•
<b>Xerox</b> C235/DNI	54	\$460	–	–	↑	↓	↑	↑	↑	↑	↑	95	8.5x14	•
<b>Lexmark</b> MC3326i	44	\$500	↓	↓	↓	↓	↓	↑	↓	↑	↑	98	8.5x14	•

**ALL-IN-ONE CARTRIDGE INKJET PRINTERS**

💰 <b>Canon</b> PIXMA TR7820	57	\$110	↓	↓	↑	↓	↓	↑	↓	↓	↓	66	8.5x14	•
✓ <b>HP</b> OfficeJet Pro 9135e	56	\$300	↓	↓	↑	↑	↑	↓	↑	↓	↓	69	8.5x14	•
✓ <b>HP</b> OfficeJet Pro 9125e	56	\$230	↓	↓	↑	↑	↑	↓	↑	↓	↓	66	8.5x14	•
✓ <b>HP</b> Envy Inspire 7255e	56	\$195	↓	↓	↑	↓	↑	↑	↓	↑	↑	100	8.5x14	•
✓ <b>HP</b> OfficeJet 250 Mobile	56	\$490	↓	↓	↓	↓	↑	↑	↓	↑	↑	57	8.5x14	•
✓ <b>HP</b> OfficeJet Pro 8025e	55	\$230	↓	↓	↑	↓	↑	↓	↓	↓	↓	118	8.5x14	•
💰 <b>Canon</b> PIXMA TS7720	55	\$80	↓	↓	↑	↓	↓	↑	↓	↓	↓	68	8.5x14	•
<b>Brother</b> MFC-J1170DW	54	\$160	↓	↓	↑	↑	↓	↓	↑	↓	↓	138	8.5x14	•
<b>HP</b> Officejet Pro 8015e	52	\$100	↓	↓	↑	↓	↑	↓	↓	↓	↓	129	8.5x14	•
<b>Canon</b> PIXMA TR8622a	52	\$180	↓	↓	↑	↓	↑	↓	↑	↓	↓	216	8.5x14	•
<b>Canon</b> Pixma TS6420	52	\$150	↓	↓	↑	↓	↑	↑	↓	↓	↓	97	8.5x14	•
<b>Canon</b> Pixma TR7020a	52	\$160	↓	↓	↑	↓	↑	↑	↓	↓	↓	89	8.5x14	•
<b>Epson</b> Workforce Pro WF-7820	51	\$300	↓	↓	↑	↑	↑	↓	↑	↑	↑	113	11x17	•
<b>Canon</b> Pixma TR8620	51	\$230	↓	↓	↑	↓	↑	↓	↓	↓	↓	267	8.5x14	•
<b>Canon</b> Pixma TR8620a	51	\$200	↓	↓	↑	↓	↑	↓	↓	↓	↓	256	8.5x14	•
<b>Canon</b> Pixma TS6420a	50	\$70	↓	↓	↑	↓	↑	↑	↓	↓	↓	99	8.5x14	•



PRINTERS

Brand + Model	Overall score	Price	Survey Results		Test Results						Features		
			Predicted reliability	Owner satisfaction	Text quality	Text speed	Graphics quality	Maintenance ink use	Versatility	Ease of use	Ink cost/year (\$)	Maximum paper size	Auto-duplex printing

ALL-IN-ONE CARTRIDGE INKJET PRINTERS *Continued*

HP Officejet Pro 8034e	49	\$180	↓	↓	↑	↓	↑	↓	↑	↓	164	8.5x14	•
HP Envy 6055e	49	\$130	↓	↓	↑	↓	↑	↑	↓	↓	120	8.5x11	•
HP DeskJet 4255e	48	\$80	↓	↓	↑	↓	↑	↓	↓	↓	169	8.5x14	•

ALL-IN-ONE TANK INKJET PRINTERS

✓ Epson EcoTank Photo ET-8500	64	\$700	↓	↑	↑	↓	↑	↑	↓	↑	8	8.5x14	•
✓ Epson EcoTank ET-3843	61	\$370	↓	↑	↑	↓	↓	↑	↓	↑	5	8.5x14	•
💰 Epson EcoTank ET-2840 Special Edition	59	\$200	↓	↑	↓	↓	↓	↑	↓	↑	4	8.5x14	•
✓ Epson EcoTank ET-4850	58	\$500	↓	↑	↑	↓	↓	↑	↑	↑	5	8.5x14	•
✓ Epson EcoTank ET-15000	56	\$550	↓	↑	↓	↓	↑	↑	↓	↑	5	8.5x14	•
✓ Epson EcoTank ET-3830	56	\$330	↓	↑	↑	↓	↓	↑	↓	↑	5	8.5x14	•
✓ Epson EcoTank ET-2400	56	\$250	↓	↑	↑	↓	↑	↑	↓	↓	4	8.5x14	•
✓ Epson EcoTank ET-3850	56	\$400	↓	↑	↑	↓	↓	↑	↓	↑	5	8.5x14	•
✓ HP Smart Tank 7602	55	\$350	—	—	↑	↓	↑	↑	↑	↑	4	8.5x14	•
✓ Epson Workforce ST-C2100 Supertank	55	\$305	↓	↑	↓	↓	↓	↑	↓	↑	5	8.5x14	•
Canon MegaTank MAXIFY GX6021	53	\$490	↓	↓	↑	↑	↑	↑	↑	↑	6	8.5x14	•
Epson EcoTank ET-2850	53	\$350	↓	↑	↓	↓	↓	↑	↓	↑	5	8.5x14	•
HP Smart Tank 6001	52	\$220	—	—	↑	↓	↑	↑	↓	↓	4	8.5x14	•
HP Smart Tank 7002	52	\$220	—	—	↑	↓	↑	↑	↓	↑	4	8.5x14	•
HP Smart Tank 5000	51	\$170	—	—	↑	↓	↓	↑	↓	↓	4	8.5x14	•
HP Smart Tank 5101	51	\$180	—	—	↑	↓	↑	↑	↓	↓	4	8.5x14	•
Canon MegaTank Maxify GX7020	51	\$900	↓	↓	↑	↑	↑	↑	↑	↑	6	8.5x14	•
Epson EcoTank ET-2800	51	\$330	↓	↑	↓	↓	↓	↑	↓	↑	5	8.5x14	•
Canon MegaTank Maxify GX4020	50	\$400	↓	↓	↑	↑	↑	↑	↓	↑	6	8.5x14	•
Canon MAXIFY GX2020	50	\$380	↓	↓	↑	↓	↑	↑	↑	↑	8	8.5x14	•

> Digital and All Access members can find the latest, complete ratings at [CR.org/printers](https://www.crisp.org/printers).

**HOW WE TEST:** Overall Score combines test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first four years. Findings are from CR's 2020, 2021, and 2022 Fall Quarterly Surveys. Owner satisfaction reflects

the proportion of CR members who are extremely likely to recommend the printer they bought. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (—), the model gets weighted category average scores for reliability and satisfaction. Photo quality reflects a photo's appearance. Text quality assesses clarity and crispness of black

text. Text speed reflects how quickly the model can print text on five plain, letter-sized pages. Fourteen seconds or less is excellent; 15 to 19 seconds is very good; 20 to 28 seconds is good; 29 to 39 seconds is fair; and longer than 40 seconds is poor. Graphics quality assesses the appearance of color graphics produced by the printer, or black-and-white graphics for black-

and-white lasers. Maintenance ink use reflects the amount of extra ink used by an inkjet printer to maintain its print heads. Text speed (ppm) is our measure of how fast the printer can print pages of monochrome text. Ink cost/year (\$) is the estimated cost (in dollars) for ink or toner in a year of typical use, based on our tests and how members told us they print. Price is approximate retail.



# Routers

Wireless routers take the broadband internet connection that comes into your home via your internet service provider and then distributes it to all of your smartphones, laptops, tablets, streaming devices, and other connected gadgets.



### What to Look For

- Traditional wireless routers consist of a single unit that is best placed as centrally in your home as possible to ensure uniform coverage.
- Mesh routers are typically sold in packs of two or three. A 3-pack mesh network will include a base (the router that connects to the modem via

an ethernet connection) and two satellites. Place the base between the satellites.

- The latest WiFi standard, WiFi 7, generally delivers the best performance.

### What to Skip

- If your broadband needs barely extend beyond a couple simultaneous Netflix

streams, you don't need a high-end router.

### What You'll Pay

- Expect to pay around \$200 for a well-rated wireless router. You can spend a little less, especially on an older model, but that may require extra research to make sure you're getting what you need.

### BUYING ADVICE

If you live in a sprawling or multi-story home, a mesh router may be the best choice. A single-unit router should work well for smaller homes and apartments.

For more buying advice, go to [CR.org/routers](https://www.crisp.com/routers).

Brand + Model	Overall Score	Price	Test Results							Features		
			Data security	Data privacy	Throughput near	Throughput mid-range	Throughput far	Versatility	Ease of setup	Prioritization	Ethernet cable included	Automatic firmware updates
<b>WIRELESS ROUTERS</b>												
Asus TUF Gaming (TUF-AX4200)	92	\$170	↑	↓	↑	↑	↑	↑	↑	•	•	•
Synology RT6600ax	91	\$315	↑	↓	↑	↑	↑	↑	↑	•	•	•
Linksys MR55WH Classic Micro Pro 6	90	\$200	↑	↑	↑	↑	↑	↑	↑	•	•	•
Asus TUF Gaming (TUF-AX6000)	89	\$200	↑	↓	↑	↑	↑	↑	↑	•	•	•
Asus ROG Rapture GT-6 AX10000	88	\$410	↑	↓	↑	↑	↑	↑	↑	•	•	•
Linksys MR20WH (LN3111)	88	\$150	↑	↓	↑	↑	↑	↑	↑	•	•	•
Netgear Nighthawk AX6000 (RAX120-100NAS)	88	\$425	↑	↑	↑	↑	↑	↑	↑	•	•	•
Netgear Nighthawk AX8 AX6600 (RAX70-100NAS)	87	\$330	↑	↑	↑	↑	↑	↑	↑	•	•	•
D-Link M60 AX6000	86	\$145	↑	↓	↑	↑	↑	↑	↑	•	•	•
D-Link EXO AX AX3200	86	\$80	↑	↓	↑	↑	↑	↑	↑	•	•	•
D-Link M30 AX3000	86	\$80	↑	↓	↑	↑	↑	↑	↑	•	•	•
Linksys Hydra Pro 6E AXE5400	86	\$250	↑	↓	↑	↑	↑	↑	↑	•	•	•
Asus RT-AX5400	86	\$130	↑	↓	↑	↑	↑	↑	↑	•	•	•



**ROUTERS**

Brand + Model	Overall Score	Price	Test Results								Features		
			Data security	Data privacy	Throughput near	Throughput mid-range	Throughput far	Versatility	Ease of setup	Prioritization	Ethernet cable included	Automatic firmware updates	
<b>WIRELESS ROUTERS</b> <i>Continued</i>													
✓ Synology WRX560	85	\$230	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX5400 (XR1000)	84	\$300	↑	↑	↑	↑	↑	↑	↑	•	•	•	
💰 Linksys AX1800 (E7350)	84	\$100	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AXE11000 (RAXE500-100NAS)	84	\$600	↑	↑	↑	↑	↑	↑	↑	•	•	•	
✓ Asus AX5700 (RT-AX86U PRO)	84	\$210	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX5400 (RAX54S-100NAS)	84	\$170	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus ROG Rapture AXE11000 (GT-AXE11000)	83	\$550	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus AX2700 (RT-AX68U)	83	\$185	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus ROG Rapture GT-AXE16000 (GT-AXE16000)	83	\$510	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ TP-Link AX5400 Pro	83	\$165	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ TP-Link Archer AXE7800	83	\$230	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX4 4 (RAX36S)	82	\$160	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX4200 (RAX43)	82	\$250	↑	↑	↑	↑	↑	↑	↑	•	•	•	
✓ TP-Link AXE5400	81	\$160	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX6 AX5400 (RAX50)	81	\$270	↑	↑	↑	↑	↑	↑	↑	•	•	•	
✓ Asus AX5400 (RT-AX82U)	81	\$160	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ TP-Link AX5400 (Archer AX72 Pro)	81	\$185	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Linksys Hydra Pro 6 AX 5400 (MR5500)	81	\$170	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus AX6000 (RT-AX88U)	81	\$610	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus ROG Rapture GT-AX6000 EVA Edition	81	\$350	↑	↓	↑	↑	↑	↑	↑	•	•	•	
💰 TP-Link Archer AX55 Pro AX3000	80	\$130	↑	↓	↑	↑	↑	↑	↑	•	•	•	
💰 TP-Link Archer AX1800	80	\$80	↑	↓	↑	↑	↑	↑	↑	•	•	•	
💰 TP-Link Archer AX1450	80	\$55	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus AX3000 (RT-AX58U)	80	\$130	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX4 (RAX35)	80	\$160	↑	↑	↑	↑	↑	↑	↑	•	•	•	
💰 Asus AX3000 (RT-AX57)	80	\$110	↑	↓	↑	↑	↑	↑	↑	•	•	•	
💰 TP-Link Archer AX3000	79	\$100	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Netgear Nighthawk AX2400 (RAX30-100NAS)	79	\$180	↑	↑	↑	↑	↑	↑	↑	•	•	•	
✓ Asus ROG Rapture GT-AX11000 (GT-AX11000-PRO)	79	\$350	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Asus AX6000 (RT-AX88U Pro)	79	\$260	↑	↓	↑	↑	↑	↑	↑	•	•	•	
✓ Linksys Hydra Pro AXE6600 (RT-AX68U)	79	\$230	↑	↓	↑	↑	↑	↑	↑	•	•	•	



**ROUTERS**

Brand + Model	Overall Score	Price	Test Results						Features		
			Data security	Data privacy	Throughput near	Throughput mid-range	Throughput far	Versatility	Ease of setup	Prioritization	Ethernet cable included

**WIRELESS ROUTERS** *Continued*

👉 TP-Link Archer AX10 AX1500	79	\$90	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Acer Predator Connect W6 AXE7800	79	\$195	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 Linksys Max-Stream AX1800 (MR7350)	79	\$100	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ TP-Link AX5400 (Archer AX73)	78	\$165	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Asus AX1800 (RT-AX55)	78	\$130	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Netgear Nighthawk AX4 LTE AX1800 (LAX20-100NAS)	78	\$245	👍	👍	👍	👍	👍	👍	👍	•	•	•
✔️ TP-Link AX4400 (Archer AX4400)	78	\$120	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 Netgear AX1600 (RAX5-100PAS)	77	\$90	👍	👎	👍	👍	👍	👎	👍	•	•	•
✔️ Synology RT2600ac	77	\$185	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 Asus Blue Cave (AC2600)	77	\$55	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Netgear Nighthawk AX2400 (RAX29-100NAS)	77	\$150	👍	👍	👎	👍	👍	👍	👍	•	•	•

**MESH WIFI**

✔️ Netgear Orbi 750 Series AX5200 (3-pack)	90	\$350	👍	👍	👍	👍	👍	👍	👍	•	•	•
✔️ Linksys Velop Pro 6E Mesh System (3-pack)	90	\$400	👍	👍	👍	👍	👍	👍	👍	•	•	•
👉 Linksys Velop AXE5400 Mesh System(2-pack)	89	\$270	👍	👍	👍	👍	👍	👍	👍	•	•	•
✔️ Netgear Nighthawk MK93S AXE5700 (1 router & 2 satellites)	88	\$550	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 Linksys Atlas WiFi 6 Mesh System (2 pack)	87	\$240	👍	👍	👍	👍	👍	👍	👍	•	•	•
👉 TP-Link Deco AX5000 Mesh System (3-pack)	87	\$180	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ TP-Link Deco XE75 Pro (2-pack)	87	\$265	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ TP-Link Deco X95 AX7800 WiFi Mesh System (2-pack)	86	\$365	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 TP-Link Deco XE70 Pro (2-pack)	86	\$250	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 TP-Link Deco Pro AX3000 (3-pack)	86	\$220	👍	👎	👍	👍	👍	👍	👍	•	•	•
👉 TP-Link Deco WE10800 (2-pack)	86	\$250	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Netgear Orbi 960 Series AXE11000 (2-pack)	86	\$1,100	👍	👍	👍	👍	👍	👍	👍	•	•	•
👉 Linksys Atlas 6 AX2200 (2-pack)	86	\$130	👍	👍	👍	👍	👍	👎	👍	•	•	•
👉 D-Link Eagle Pro AI AX3200 (2-pack)	85	\$125	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ TP-Link Deco AX3000 Deco X50 PoE (3-pack)	85	\$350	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Linksys Velop Micro AX3000 LN11011202 (2-pack)	85	\$280	👍	👍	👍	👍	👍	👎	👍	•	•	•
✔️ eero Max 7 (2-pack)	85	\$1,150	👎	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Asus ZenWiFi AX6600 (3-pack)	84	\$345	👍	👎	👍	👍	👍	👍	👍	•	•	•
✔️ Netgear Orbi 860 AX6000 (RBK863S) 3-pack	84	\$1,100	👍	👍	👍	👍	👍	👍	👍	•	•	•



ROUTERS

Brand + Model	Overall Score	Price	Test Results								Features		
			Data security	Data privacy	Throughput near	Throughput mid-range	Throughput far	Versatility	Ease of setup	Prioritization	Ethernet cable included	Automatic firmware updates	
<b>MESH WIFI</b> <i>Continued</i>													
Netgear Orbi AC1200 RBK13 (3-Pack)	84	\$150	↑	↑	↑	↑	↑	↑	↑	•	•	•	
Asus ZenWiFi AX Hybrid Powerline Mesh WiFi6 System (2-pack)	83	\$205	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Asus EBM68 AX7800 (2-pack)	83	\$575	↑	↓	↑	↑	↑	↑	↑	•	•	•	
TP-Link Deco PX50 (3-pack)	83	\$270	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Asus ZenWiFi AX6600 (2-pack)	83	\$450	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Google Nest Wifi (3-pack)	82	\$280	↑	↑	↑	↑	↑	↓	↑	•	•	•	
eero Pro 6 (K010311) 3-pack	82	\$400	↑	↑	↑	↑	↑	↓	↑	•	•	•	
TP-Link Deco XE200 (2-pack)	82	\$575	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Netgear Orbi 850 AX6000 (RBK853-100NAS) 3-pack	82	\$800	↑	↑	↑	↑	↑	↑	↑	•	•	•	
Netgear Nighthawk AX1800 (3-Pack)	82	\$300	↑	↑	↑	↑	↑	↑	↑	•	•	•	
TP-Link Deco W4500 Mesh System (3-Pack)	81	\$120	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Netgear Nighthawk AX1800 (2-Pack)	81	\$145	↑	↑	↑	↑	↑	↑	↑	•	•	•	
Tenda AX3000 EX12 Mesh WiFi 6 System (3-pack)	81	\$225	↓	↓	↑	↑	↑	↑	↑	•	•	•	
eero 6 (M110311) 3-pack	80	\$200	↓	↑	↑	↑	↑	↓	↑	•	•	•	
D-Link COVR AX1800 (2-pack)	80	\$60	↑	↓	↑	↑	↑	↓	↑	•	•	•	
TP-Link Deco W6000 AX3000 (2-pack)	80	\$110	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Netgear Nighthawk AX1500 MK6W-100NAS (3-pack)	80	\$190	↑	↑	↑	↑	↑	↑	↑	•	•	•	
eero Home Wifi (2nd Gen) (3-pack)	79	\$205	↑	↑	↑	↑	↑	↓	↑	•	•	•	
Netgear Nighthawk AX3600 (MK83-100NAS) 3-Pack	78	\$300	↑	↑	↑	↑	↑	↑	↑	•	•	•	
TP-Link Deco X60 AX3000 (3-pack)	78	\$200	↑	↓	↑	↑	↑	↓	↑	•	•	•	
eero Pro 6E AX5400 S010211 (2-pack)	78	\$400	↓	↑	↑	↑	↑	↓	↑	•	•	•	
Arris SURFboard AXE6600 mAX 6E Mesh System (2-pack)	77	\$415	↓	↓	↑	↑	↑	↓	↑	•	•	•	
Asus ZenWiFi AX3000 Mini (3-pack)	77	\$185	↑	↓	↑	↑	↑	↑	↑	•	•	•	
eero 6+ AX3000 R010211 (2-pack)	77	\$240	↑	↑	↑	↑	↑	↓	↑	•	•	•	
Asus ZenWiFi AX3000 Hybrid (2-pack)	77	\$270	↑	↓	↑	↑	↑	↑	↑	•	•	•	
Linksys Velop AX4200 (MX12600) 3-pack	77	\$365	↑	↓	↑	↑	↑	↑	↑	•	•	•	

> Digital and All Access members can find the latest, complete ratings at [CR.org/routers](https://www.crbuyingguide.com/routers).

**HOW WE TEST:** Overall Score is based on the performance of a device's data security protections, signal speeds, versatility, and ease of setup. Data security evaluates how well the device and its service provider protect personal info via authentication,

encryption, software updates, and resistance to known exploits. Data privacy is a measure of how the device and its service provider collect, share, and use data, and how much control the user has over the flow of that data. Throughput scores

are based on signal speeds at near (8 feet from router), midrange (20 feet away), and far (50 feet away) distances. Versatility scores are based on the number of LAN and USB ports, parental control options, and quality of tech support. Ease of setup is based

on the availability of status LEDs, guest network options, and WiFi-protected setup, and the simplicity of the mobile app or web browser-based activation process. Price is approximate retail.





# Smartphones

Smartphones are do-it-all companions for texting, emailing, and social networking, along with playing music, taking photos and video, and directing us with GPS. Today, consumers have more good options than ever.

### What to Look For

- Pick a model with an operating system you're comfortable with. Both Apple's iOS and Google's Android are good. For most people, it comes down to personal preference.
- The display should be large enough to view web pages, maps, and videos but not so big that it

makes the phone difficult to handle comfortably.

### What to Skip

- Unless you record a lot of video on your phone, 128GB or 256GB of storage is plenty. For most people there's no need to upgrade to a model with 512GB or even 1TB of space.

### What You'll Pay

- The two-year contract price with subsidy is largely a thing of the past. You can either pay full retail up front (often \$800 or more for premium phones) or make installment payments over time, generally about \$15 to \$40 per month for two years.

### BUYING ADVICE

Make sure you can read the phone's display in bright sunlight, especially for texting and web surfing.

For more buying advice, go to [CR.org/smartphones](https://www.crisp.org/smartphones).

Brand + Model	Overall Score	Price	Survey Results		Test Results									
			Predicted reliability	Owner satisfaction	Camera: Rear image quality	Camera: Rear 1080p video quality	Camera: Selfie image quality	Battery and charging	Display	Durability	Performance	Ease of use	Calling	
✓ Apple iPhone 15 Pro Max	87	\$1,200	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Samsung Galaxy S24 Ultra	87	\$1,300	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Samsung Galaxy S24+	85	\$1,000	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 14 Pro Max	85	\$1,100	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 15 Pro	85	\$1,000	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Samsung Galaxy S23 Ultra	84	\$1,200	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 15 Plus	83	\$900	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Samsung Galaxy S24	83	\$800	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 14 Pro	83	\$1,000	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 14 Plus	82	\$900	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Samsung Galaxy S23+	82	\$1,000	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 15	82	\$800	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Apple iPhone 14	81	\$800	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ Samsung Galaxy S23	81	\$800	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑	↑↑
✓ OnePlus 12	80	\$800	↑	!	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑



**SMARTPHONES**

Brand + Model	Overall Score	Price	Survey Results		Test Results									
			Predicted reliability	Owner satisfaction	Camera: Rear image quality	Camera: Rear 1080p video quality	Camera: Selfie image quality	Battery and charging	Display	Durability	Performance	Ease of use	Calling	
✓ Samsung Galaxy S22 Ultra 5G (128GB)	80	\$950	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Apple iPhone 13	80	\$700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Z Fold5	80	\$1,920	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy S22+ 5G (128G)	79	\$800	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Apple iPhone 13 mini	78	\$600	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↓
✓ Samsung Galaxy Z Fold4 (256 GB)	78	\$1,400	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy S22 5G (128GB)	78	\$700	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy S23 FE	78	\$600	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Z Flip5	78	\$1,120	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Google Pixel 8 Pro	77	\$1,000	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
Ⓢ OnePlus 12R	77	\$500	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Google Pixel 7 Pro	76	\$900	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Motorola Edge+ 5G (2023)	75	\$800	↑	↓	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Z Flip4 (128GB)	75	\$1,000	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ OnePlus Open	75	\$1,700	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ OnePlus 10 Pro 5G	75	\$650	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Z Flip3 5G	75	\$1,000	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy A54 5G	74	\$450	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Apple iPhone SE 2022	74	\$430	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Google Pixel 7	74	\$600	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑
✓ Apple iPhone 12	74	\$600	↑	↑	↑	↑	↑	↓	↑	↓	↑	↑	↑	↑
✓ Sony Xperia 1 V	74	\$1,400	↓	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ OnePlus 11 5G	74	\$700	↑	↓	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑
✓ OnePlus 10T 5G	74	\$650	↑	↓	↑	↓	↓	↑	↑	↑	↑	↑	↑	↑

> Digital and All Access members can find the latest, complete ratings at [CR.org/smartphones](https://CR.org/smartphones).

**HOW WE TEST:** Overall Score combines performance test results with survey data for predicted reliability and owner satisfaction. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first two years. Findings are from 2021, 2022, and 2023 Summer Quarterly Surveys. Owner satisfaction reflects the proportion of CR members who are extremely likely to recommend the smartphone they bought. Battery and charging represents tests under

nominal cell-network signals, including battery consumption performing tasks that involve voice, data, display, and other factors. Charging represents battery tests of time to charge from empty, fast charging for 15 minutes, wireless charging capability, and if the phone comes with a fast charger, wireless charger and replaceable battery. All phones are set to the same brightness level for the entire test. Camera: rear image quality tests still-image quality using the rear facing (main) camera. It is based on

objective and subjective judgments of test images, which includes evaluating resolution, dynamic range, color accuracy, and visual noise. Camera: rear 1080 video quality is based on the judgments of trained panelists who viewed recorded video images shot at the highest quality setting available (1080p max.) in multiple lighting conditions. Camera: selfie-image quality tests still-image quality using the front facing (selfie) camera. (See Camera: Rear Image Quality for complete description.) Display rates

the overall quality of the display, including its color, clarity, off-angle viewing, and touch-responsiveness. Ease of use includes subjective and objective ratings of the convenience of using the menu, web browser, camera, testing, buttons, and unlocking the phone via a finger and facial recognition. Price is the lowest approximate retail cost for the smallest capacity available when purchased without a contract or an agreement.





# Smartwatches

Smartwatches are great for keeping tabs on everything from your daily step count, heart rate, and workout stats to your incoming e-mails and text messages. They even tell the time! Here's how to find the right smartwatch for you.



### What to Look For

- Make sure to pick a model that's compatible with your smartphone. Some models work with a variety of phones, but Apple Watches only work with iPhones, and Samsung smartwatches work best with Galaxy phones.
- Some models focus on sports and fitness, while

others have a wider variety of apps to choose from.

- Most smartwatches are at least somewhat water-resistant, but only certain models can handle a dip in the pool or a deeper dive.

### What to Skip

- If you're into fitness, go with a sports-focused

smartwatch. Some dressier models have limited fitness features and may not be suitable for wearing on a run or at the gym.

### What You'll Pay

- Expect to pay about \$200 for a basic model and up to \$750 for a fully featured one.

### BUYING ADVICE

Battery life can range from one day to more than 10 days, depending not only on the watch but how you use it.

For more buying advice, go to [CR.org/smartwatches](https://www.crisp.org/smartwatches).

Brand + Model	Overall Score	Price	Test Results											
			Ease of use	Versatility	Health	Step-count performance	Heart-rate performance	Scratch test	Water resistance test	Ease of interaction	Readability in bright light	Readability in low light	Ease of pairing	
✓ Apple Watch Ultra 2 GPS + Cellular (49mm)	91	\$790	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Apple Watch Ultra GPS + Cellular (49mm)	90	\$800	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Apple Watch Series 9 GPS + Cellular (41mm)	90	\$475	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Watch6 Classic LTE (47mm)	89	\$445	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Watch4 Classic LTE (46mm)	89	\$430	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Apple Watch Series 7 GPS + Cellular (41mm)	88	\$500	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑
✓ Apple Watch Series 8 GPS + Cellular (41mm)	88	\$750	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Google Pixel Watch 2 LTE	88	\$400	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Apple Watch Series 9 GPS (45mm)	88	\$430	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Google Pixel Watch LTE	87	\$400	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Google Pixel Watch 2	87	\$350	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch5 LTE (40mm)	87	\$95	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Watch5 Pro LTE (45mm)	87	\$500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch6 Classic (43mm)	87	\$340	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑



SMARTWATCHES

Brand + Model	Overall Score	Price	Test Results											
			Ease of use	Versatility	Health	Step-count performance	Heart-rate performance	Scratch test	Water resistance test	Ease of interaction	Readability in bright light	Readability in low light	Ease of pairing	
✓ Apple Watch Series 7 GPS (45mm)	87	\$430	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Garmin Venu 2 Plus (43mm)	87	\$260	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Forerunner 965	87	\$600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Apple Watch Series 8 GPS (45mm)	86	\$430	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch6 LTE (40mm)	86	\$350	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch4 Classic (46mm)	86	\$150	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
✓ Samsung Galaxy Watch5 Pro (45mm)	86	\$450	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Google Pixel Watch	86	\$280	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch4 LTE (44mm)	86	\$330	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch6 (44mm)	86	\$280	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch5 (44mm)	86	\$310	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Samsung Galaxy Watch4 (44mm)	85	\$170	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Fenix 7X Pro Sapphire Solar	85	\$985	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
Ⓢ Garmin Vivoactive 5	85	\$300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Fenix 7	85	\$650	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Amazfit Balance	85	\$230	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	↑	↑
Ⓢ Fitbit Versa 4	85	\$200	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Venu 3S	85	\$450	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Epix Pro (Gen 2)	85	\$890	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
Ⓢ Garmin Venu Sq 2 Music	84	\$300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
✓ Coros Vertix 2	84	\$700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Apple Watch SE (gen 2) GPS + Cellular (44mm)	83	\$230	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Amazfit T-Rex 2	83	\$200	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Forerunner 745	83	\$365	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Ⓢ Mobvoi Ticwatch Pro 5	83	\$260	↑	↑	↓	↑	↓	↑	↑	↑	↑	↑	↑	↑
✓ Garmin Vivoactive 4	83	\$350	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑
Ⓢ Fitbit Sense 2	82	\$300	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑

➤ Digital and All Access members can find the latest, complete ratings at [CR.org/smartwatches](https://www.crorg.org/smartwatches).

**HOW WE TEST:** Overall Score is based on the results of all our tests. Ease of use is a composite score of ease of interaction, pairing, connecting to charger, mobile compatibility, and readability of the display in bright light and low light. Ease of interaction is

the ease of accessing core functions, performing key tasks, such as accessing messages, calendars, alarms, etc.; interacting with the device menu and app interface; taking activity measurements; reading results from the display; and responsiveness

of touchscreen or other control interaction methods. Ease of pairing is an assessment of the steps necessary for pairing the smartwatch with another device for the first time. Heart-rate monitor accuracy measures how accurately the smart watch

measured our testers' actual heart rate. Step count accuracy measures how accurately the smartwatch counted our testers' actual steps. Price is approximate retail.





# Streaming Media Devices

Binge-watching TV shows has become an all-American pastime. Streaming devices are an ideal solution for those who don't have a smart TV, or who want better performance or services not available on their TV.



### What to Look For

- All the major streaming player brands now offer 4K models that support high dynamic range (HDR) content, which can produce brighter, more colorful images with TVs that support it.
- Pick a model with voice control. More players now have remote controls with built-in microphones that

let you search for shows and movies by saying its name.

- Dual-band WiFi is best. Many models have two frequency bands, so they can send video on the one with more bandwidth.

### What to Skip

- We advise skipping models that only support HD-quality video, even if you don't have

a 4K set now (we do have ratings for HD models on the next page). You won't save much, and you'll miss features such as HDR capability.

### What You'll Pay

- A 4K streaming player costs anywhere from \$30 to more than \$100. HD models start at around \$15.

### BUYING ADVICE

We prefer devices with universal search capability, which can search across multiple services to find shows, without favoring one service over another.

For more buying advice, go to [CR.org/streaming-media](https://www.cro.org/streaming-media).

Brand + Model	Overall Score	Price	Test Results					Features			
			Ease of use	Features	Data privacy	Data security	Picture quality	App or channel store	Built-in voice search	Support network sharing	Supports Dolby Atmos
<b>4K STREAMING MEDIA DEVICES</b>											
✓ NVIDIA SHIELD TV PRO	82	\$200	↑	↑	↓	↓	↑	Google Play Store	•	•	•
✓ NVIDIA SHIELD TV	77	\$150	↑	↑	↓	↓	↑	Google Play Store	•	•	•
✓ Amazon Fire TV Cube (3rd Gen)	75	\$140	↑	↑	↓	↓	↑	Amazon Appstore	•	•	•
✓ Roku Ultra (2022)	73	\$100	↑	↑	↓	↓	↑	Roku Channel Store	•	•	•
Ⓢ Onn 4K Pro Streaming Device	73	\$50	↑	↑	↓	↓	↑	Google Play Store	•	•	•
✓ Roku Streaming Stick 4K	68	\$50	↑	↑	↓	↓	↑	Roku Channel Store	•	•	•
✓ Google Chromecast with Google TV	67	\$50	↓	↑	↓	↑	↑	Google Play Store	•	•	•
✓ Roku Express 4K with Voice Remote Pro	67	\$50	↑	↑	↓	↓	↑	Roku Streaming Store	•	•	•
✓ Apple TV 4K (128GB, 2022)	67	\$150	↓	↑	↓	↑	↑	App Store	•	•	•
✓ Roku Express 4K+	65	\$40	↑	↑	↓	↓	↑	Roku Channel Store	•	•	•
✓ TiVo Stream 4K	62	\$40	↓	↑	↓	↓	↑	Google Play Store	•	•	•

 **STREAMING MEDIA DEVICES**

Brand + Model	Overall Score	Price	Test Results					Features			
			Ease of use	Features	Data privacy	Data security	Picture quality	App or channel store	Built-in voice search	Support network sharing	Supports Dolby Atmos
✓ Amazon Fire TV Stick 4K Max (2nd Gen)	61	\$60	↓	↑	↓	↓	↑	Appstore	•		•
✓ Amazon Fire TV Stick 4K	61	\$50	↓	↑	↓	↓	↑	Appstore	•		•
Onn Google TV 4K Streaming Box	57	\$20	↓	↑	↓	↓	↑	Google Play Store	•		

**HD STREAMING MEDIA DEVICES**

✓ Amazon Fire TV Stick (3rd Gen)	69	\$40	↑	↑	↓	↓	↑	Amazon App Store	•		•
Ⓢ Amazon Fire TV Stick Lite with Alexa Voice Remote Lite	64	\$30	↓	↑	↓	↓	↑	Amazon Apps	•	•	•
Google Chromecast with Google TV (HD)	58	\$30	↓	↑	↓	↑	↑	Google Play Store	•		•
Onn Google TV Full HD Streaming Device	57	\$15	↓	↑	↓	↓	↑	Google Play Store	•		
Roku Express	49	\$30	↓	↓	↓	↓	↑	Roku Channel Store		•	•

> Digital and All Access members can find the latest, complete ratings at [CR.org/streamingmedia](https://www.cer.org/streamingmedia).

**HOW WE TEST:** Overall Score is based on the results of all our tests. Picture quality includes image clarity, color

accuracy, and contrast of streaming video. Ease of use reflects how easy the device is to use on a daily basis.

Features includes factors like the number of streaming services supported and digital assistant support,

gaming controller support, wireless audio and video casting/mirroring support, etc. Price is approximate retail.



# Soundbars

Soundbar speakers can help improve a TV's less-than-robust built-in sound. They can be mounted on a wall or placed on a shelf above or below a TV.



### What to Look For

- For a basic set-up, go with a 2.1-channel model. A 3.1-channel system has a dedicated center channel, which can make dialog sound clearer.
- If you want true surround-sound, look for one with a separate subwoofer and rear satellite speakers.

- To enhance surround-sound, choose a soundbar with Dolby Atmos and/or DTS:X "immersive" sound.

### What to Skip

- You don't need a model with a built-in streaming player if you have a smart TV.
- Don't go for a model with voice assistants, such as

Amazon Alexa or Google Assistant, if you don't care about controlling the bar or other devices with your voice.

### What You'll Pay

- Basic soundbars can cost less than \$100, while fully featured Dolby Atmos models with rear surround speakers can cost \$1,000 or more.

### BUYING ADVICE

In our tests, we hold soundbars to a higher standard than TVs. A soundbar with an average sound rating will sound better than a TV with a similar score.

For more buying advice, go to [CR.org/soundbars](https://www.crguide.org/soundbars).

Brand + Model	Overall score	Price	Test Results		Features	Wireless subwoofer	Built-in digital assistant mic/mute indicator
			Sound quality	Ease of use (TV)			
<b>FULL-FEATURED SOUNDBARS</b>							
✓ Samsung Q930C	77	\$1,200	↑	↑	9.1.4 surround	•	•
✓ Samsung HW-S801D	74	\$750	↑	↑	3.1.2 non-surround expandable to 5.1.4 surround	•	•
✓ LG SC9S	74	\$800	↑	↑	3.1.3 non-surround expandable to 5.1.3 surround	•	NA
✓ Sonos Arc Soundbar	74	\$900	↑	↑	5.0.2 non-surround expandable to 5.1.2 surround	Optional	•
✓ Samsung HW-S801B/ZA	73	\$750	↑	↑	3.1.2 non-surround expandable to 5.1.4 surround	•	•
✓ Samsung HW-Q800C	72	\$800	↑	↑	5.1.2 non-surround expandable to 7.1.4 surround	•	•
✓ Sonos Beam (Gen 2)	70	\$500	↑	↑	5.0 non-surround expandable to 5.1 surround	Optional	•
✓ Vizio M512e-K6	70	\$500	↑	↑	5.1.2 surround	•	NA
✓ Vizio Elevate - P514a-H6	70	\$700	↑	↑	5.1.4 surround	•	NA
✓ Samsung HW-Q600C	67	\$450	↑	↑	3.1.2 non-surround expandable to 5.1.2 surround	•	NA
Ⓢ Samsung HW-Q60C/ZA	67	\$250	↑	↑	3.1 non-surround expandable to 5.1 surround	•	NA
✓ Polk Audio True Surround III	66	\$600	↓	↑	5.1 surround	•	NA

**SOUNDBARS**

Brand + Model	Overall score	Price	Test Results		Features	Wireless subwoofer	Built-in digital assistant/mic mute indicator
			Sound quality	Ease of use (TV)			

**FULL-FEATURED SOUNDBARS** *Continued*

✓ Bose Smart Soundbar 900	66	\$900	⬇️	⬆️	5.0.2 non-surround expandable to 7.2.2 surround	Optional	●
✓ Sonos Ray	65	\$280	⬆️	⬆️	2.0 non-surround expandable to 5.1 surround	Optional	NA
✓ Hisense AX5125H	64	\$450	⬇️	⬆️	5.1.2 surround	●	NA
✓ Denon Home Sound Bar 550	62	\$650	⬇️	⬆️	4.0 non-surround expandable to 6.1 (pending future update) surround	Optional	NA
✓ Bose Smart Ultra Soundbar	62	\$900	⬇️	⬆️	3.0.2 non-surround expandable to 5.1.2 surround	Optional	●
✓ Sennheiser AMBEO Soundbar Plus	62	\$1,500	⬆️	⬇️	5.0.2 (Sennheiser claims 7.1.4) non-surround expandable to 5.4.2 non-surround	Optional	●
✓ Yamaha YAS-209	61	\$350	⬇️	⬆️	2.1 non-surround	●	data not available
✓ Samsung HW-S61B	60	\$270	⬇️	⬆️	5.0 non-surround expandable to 7.1 surround	Optional	●
✓ Samsung HW-S60B/ZA	60	\$270	⬇️	⬆️	5.0 non-surround expandable to 7.1 surround	Optional	●
✓ Bose Smart Soundbar 600	59	\$500	⬇️	⬆️	3.0.2 non-surround expandable to 5.1.2 surround	Optional	●
✓ Philips Fidelio Soundbar TAFB1/37	57	\$720	⬇️	⬆️	5.0.2 non-surround expandable to 7.1.2 surround	Optional	NA
✓ Polk Audio MagniFi Max AX	57	\$800	⬇️	⬆️	3.1.2 non-surround expandable to 5.1.2 surround	●	NA
✓ LG Eclair SE6	56	\$300	⬇️	⬆️	3.0 non-surround		NA

**BASIC SOUNDBARS**

💰 Vizio M213AD-K8	70	\$170	⬇️	⬆️	2.0 (mfr claims 2.1) non-surround	NA	NA
✓ Denon DHT-S517	62	\$450	⬇️	⬆️	3.1.2 non-surround	●	NA
✓ Denon DHT-S217	62	\$250	⬇️	⬆️	2.0 (mfr claims 2.1) non-surround expandable to 2.1 non-surround		NA
✓ LG S65Q	62	\$350	⬆️	⬆️	3.1 non-surround	●	NA
✓ LG S77S	61	\$400	⬇️	⬆️	3.1.3 non-surround	●	NA
✓ Creative Stage V2	61	\$100	⬇️	⬆️	2.1 non-surround		NA
✓ Klipsch Cinema 400	60	\$255	⬇️	⬇️	2.1 non-surround	●	NA
✓ Creative Stage 2.1	59	\$80	⬇️	⬆️	2.1 non-surround		data not available
✓ LG S70TY	58	\$350	⬇️	⬆️	3.1.1 non-surround expandable to 5.1.4 non-surround	●	NA
✓ Yamaha SR-B30A	58	\$280	⬇️	⬆️	2.0 non-surround expandable to 2.1 non-surround		NA
✓ Vizio SB3221n-J6	57	\$115	⬇️	⬆️	2.1 non-surround	●	NA
✓ Philips TAB7305/37	56	\$350	⬇️	⬆️	2.1 non-surround	●	NA

> Digital and All Access members can find the latest, complete ratings at [CR.org/soundbars](https://www.crdigital.com/soundbars).

**HOW WE TEST:** Overall Score is based on the results of all our tests. Sound quality represents the evaluated

tonal accuracy and ability to reproduce fine sonic detail of the unit. Ease of use measures the wireless setup,

console controls, remote app, source selection and voice control of play functions. Versatility tallies the useful

features of each model. Price is most frequent or approximate price in retail.



# TVs

Almost all larger-sized sets are now 4K models with high dynamic range (HDR) capability, which can display greater contrast and a wider range of colors. Most are also smart TVs with access to streaming online content.

### What to Look For

- Go with a 4K set with high ratings for HD, UHD, and HDR picture quality.
- Choose a larger-sized set as your main TV, since 65-inch models have come down in price in recent years.
- Only pick a 1080p model if you're buying a smaller TV, say 32 inches, since at that size it will be difficult to

appreciate the detail of 4K. ■ Look for satisfying built-in sound, unless you'll be adding a soundbar speaker.

### What to Skip

- 8K TVs are still pricey and there's no native 8K content.
- There's no need to buy costly HDMI cables. Premium high-speed cables that support all features you get with 4K TVs

are fine, except for runs longer than 8 to 10 feet. And skip the extended warranty, since TVs from most major brands have been very reliable.

### What You'll Pay

- A 55-inch 4K set start as low as \$300; 65-inch 4K models now start around \$450. Top-performing larger-sized TVs still cost \$2,000 and up.

### BUYING ADVICE

Ask if the retailer offers a 30-day price-match, which protects you if the price drops after you buy. Prices can fluctuate widely at certain times of year.

For more buying advice, go to [CR.org/tvs](https://www.crorg/tvs).

Brand + Model	Overall Score	Price	Survey Results		Test Results								Feature
			Predicted reliability	Owner satisfaction	HD picture quality	UHD picture quality	HDR	Viewing angle	Motion blur	Sound quality	Data privacy	Data security	
<b>70-INCH AND LARGER TVs</b>													
✓ LG OLED77G4WUA	88	\$4,300	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
Ⓢ Samsung QN77S90C	86	\$2,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ LG OLED77M3PUA	86	\$4,500	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	OLED
Ⓢ Samsung QN77S89C	86	\$1,800	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ Sony K75XR90	84	\$3,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Samsung QN77S95C	83	\$3,500	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	OLED
Ⓢ Sony XR-77A80L	82	\$2,700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ Samsung QN75QN90DD	82	\$3,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Ⓢ Samsung QN75QN90C	80	\$2,200	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Ⓢ Sony XR-75X93L	79	\$2,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Sony K-75XR70	79	\$2,800	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	LCD (LED)
Ⓢ LG OLED77B3PUA	79	\$1,900	↑	↑	↑	↑	↑	↓	↑	↑	↓	↑	OLED
Ⓢ Samsung QN75QN85C	77	\$1,800	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Ⓢ Sony XR-75X90L	76	\$1,500	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	LCD (LED)
Ⓢ Samsung QN75Q80C	76	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)



TVs

Brand + Model	Overall Score	Price	Survey Results		Test Results								Feature Display type (Backlight)	
			Predicted reliability	Owner satisfaction	HD picture quality	UHD picture quality	HDR	Viewing angle	Motion blur	Sound quality	Data privacy	Data security		
<b>70-INCH AND LARGER TVs</b> <i>Continued</i>														
✓ LG 75QNED90TUA	76	\$2,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Samsung QN75Q80DD	76	\$2,200	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	LCD (LED)
✓ Hisense 85UX	75	\$3,500	↓	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Sharp 4TC75FV1U	74	\$2,200	-	-	↑	↑	↑	↓	↓	↑	↑	↑	↑	LCD (LED)
💰 TCL 75QM850G	73	\$900	↓	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	LCD (LED)
💰 Sony KD75X85K	71	\$1,100	↑	↑	↑	↑	↓	↓	↑	↑	↑	↑	↑	LCD (LED)
💰 Roku 75R6A5R	71	\$900	-	-	↑	↑	↑	↓	↑	↓	↑	↓	↓	LCD (LED)
Hisense 75U8N	70	\$2,000	↓	↓	↑	↑	↑	↑	↑	↓	↑	↑	↑	LCD (LED)
💰 Hisense 75U8K	69	\$1,150	↓	↓	↑	↑	↑	↑	↑	↑	↓	↑	↑	LCD (LED)
LG 75UQ8000AUB	68	\$500	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN75Q60CD	67	\$950	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung UN75DU7200	67	\$750	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN75Q70C	67	\$1,000	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN75LS03B	66	\$2,000	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
LG 75QNED85TUA	66	\$1,800	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
Samsung QN75Q60C	66	\$950	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Hisense 75U7K	65	\$900	↓	↓	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN70Q60C	65	\$900	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Hisense 75U7N	65	\$1,500	↓	↓	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung UN75CU7000	64	\$550	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung UN75CU7000D	64	\$600	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
Hisense 75U75K	64	\$900	↓	↓	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
LG 70UT8000AUA	63	\$600	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
Samsung UN70CU7000	63	\$550	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	↑	LCD (LED)
LG 75UT7550AUA	63	\$750	↑	↑	↓	↓	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
LG 75QNED80URA	63	\$1,100	↑	↑	↓	↓	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
Sony KD75X80CK	63	\$900	↑	↑	↓	↓	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
LG 75UQ7590PUB	63	\$630	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
LG 70UQ7070ZUD	62	\$500	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
TCL 75Q750G	62	\$900	↓	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
LG 75QNED75URA	62	\$900	↑	↑	↓	↓	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
LG 70UR8000AUA	61	\$580	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)
Samsung UN75CU8000	61	\$800	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	LCD (LED)



TVs

Brand + Model	Overall Score	Price	Survey Results		Test Results								Feature	
			Predicted reliability	Owner satisfaction	HD picture quality	UHD picture quality	HDR	Viewing angle	Motion blur	Sound quality	Data privacy	Data security		
<b>65-INCH TVs</b>														
✓ LG OLED65G4SUB	88	\$3,400	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
✓ Samsung QN65S90D	88	\$2,700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ LG OLED65C4PUA	87	\$2,700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
✓ Sony XR-65A95L	86	\$3,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ Samsung QN65S95D	86	\$3,400	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
Ⓢ Samsung QN65S90CD	86	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
Ⓢ Samsung QN65S90C	85	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ Sony K-65XR80	82	\$2,800	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
Ⓢ Sony XR-65A75L	82	\$1,500	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	OLED
Ⓢ Sony XR-65A80L	81	\$1,700	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	OLED
✓ Samsung QN65QN90D	81	\$2,700	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Ⓢ Samsung QN65QN85C	80	\$1,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Ⓢ Samsung QN65QN90C	80	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Ⓢ Sony XR-65X93L	78	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Samsung QN65Q80D	78	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Samsung QN65QN900C	76	\$3,000	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	LCD (LED)
Ⓢ Sony XR-65X90L	76	\$1,100	↑	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	LCD (LED)
✓ Samsung QN65QN800C	76	\$2,600	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	LCD (LED)
Ⓢ Samsung QN65Q80C	76	\$1,100	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Samsung QN65QN900D	74	\$5,000	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	LCD (LED)
Ⓢ LG 65QNED85UQA	74	\$1,100	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	LCD (LED)
✓ TCL 65QM851G	74	\$1,500	↓	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	LCD (LED)
✓ Roku 65R8B5/65R8BX	74	\$1,200	-	-	↑	↑	↑	↑	↑	↑	↑	↓	↑	LCD (LED)
✓ Samsung QN65LS03D	72	\$2,000	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	↑	LCD (LED)
Ⓢ TCL 65QM850G	70	\$1,000	↓	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	LCD (LED)
Hisense 65U8K	70	\$1,000	↓	↓	↑	↑	↑	↑	↓	↑	↑	↑	↑	LCD (LED)
Sharp 4TC65FS1UR	70	\$1,400	-	-	↑	↑	↑	↓	↑	↑	↓	↓	↑	OLED
Ⓢ Roku 65R6A5R	70	\$600	-	-	↑	↑	↓	↓	↓	↑	↑	↓	↓	LCD (LED)
Hisense 65U8H	69	\$900	↓	↓	↑	↑	↑	↑	↓	↑	↑	↑	↑	LCD (LED)
Samsung QN65LS03B	67	\$1,600	↑	↑	↑	↑	↓	↓	↓	↑	↓	↑	↑	LCD (LED)
TCL 65QM751G	67	\$1,100	↓	↑	↑	↑	↑	↑	↑	↑	↓	↓	↑	LCD (LED)
Sony KD65X85K	66	\$1,000	↑	↑	↑	↑	↓	↓	↓	↑	↓	↓	↑	LCD (LED)



TVs

Brand + Model	Overall Score	Price	Survey Results		Test Results								Feature Display type (Backlight)
			Predicted reliability	Owner satisfaction	HD picture quality	UHD picture quality	HDR	Viewing angle	Motion blur	Sound quality	Data privacy	Data security	
<b>65-INCH TVs</b> <i>Continued</i>													
Sony K-65S30	65	\$800	↑	↑	↑	↑	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN65LS01B	65	\$1,200	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Samsung UN65CU7000	65	\$400	↑	↑	↑	↑	↓	↓	↓	↑	↑	↑	LCD (LED)
LG 65UR8000AUA	65	\$430	↑	↑	↑	↑	↓	↓	↓	↑	↓	↑	LCD (LED)
Hisense 65U7K	64	\$680	↓	↓	↑	↑	↓	↓	↑	↑	↑	↑	LCD (LED)
Hisense 65U75K	64	\$900	↓	↓	↑	↑	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN65Q70C	64	\$800	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Samsung QN65Q60C	64	\$700	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
LG 65QNED80URA	64	\$1,000	↑	↑	↑	↑	↓	↑	↑	↓	↓	↑	LCD (LED)
Samsung UN65DU7200	64	\$480	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
Samsung QN65Q60D	64	\$1,000	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
LG 65QNED75ARA	63	\$700	↑	↑	↓	↓	↓	↑	↓	↑	↓	↑	LCD (LED)
<b>55- TO 60-INCH TVs</b>													
✓ Samsung QN55S90D	87	\$1,900	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ LG OLED55G3PUA	87	\$1,800	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	OLED
✓ LG OLED55C4AUA	86	\$2,000	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
✓ Sony XR-55A95L	86	\$2,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ LG OLED55C4PUA	86	\$2,000	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
💰 Samsung QN55S90CD	85	\$1,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
💰 LG OLED55C3PUA	84	\$1,300	↑	↑	↑	↑	↑	↑	↑	↑	↓	↑	OLED
✓ Sony K-55XR80	84	\$1,750	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
💰 Samsung QN55S90C	84	\$1,500	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	OLED
✓ LG OLED55B4PUA	82	\$1,700	↑	↑	↑	↑	↓	↑	↑	↑	↓	↓	OLED
✓ Samsung QN55S95C	81	\$1,800	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	OLED
💰 Samsung QN55QN90C	80	\$1,300	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Sony XR-55A75L	80	\$2,000	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	OLED
💰 Samsung QN55QN85C	79	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ LG 55LX1QP UA	78	\$1,700	↑	↑	↑	↑	↓	↑	↑	↓	↑	↑	OLED
💰 LG 55QNED85UQA	77	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
✓ Sony K-55XR70	76	\$1,900	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	LCD (LED)
💰 Samsung QN55Q80C	74	\$1,000	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	LCD (LED)
Samsung QN55Q70D	70	\$1,000	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)





TVs

Brand + Model	Overall Score	Price	Survey Results		Test Results								Feature Display type (Backlight)
			Predicted reliability	Owner satisfaction	HD picture quality	UHD picture quality	HDR	Viewing angle	Motion blur	Sound quality	Data privacy	Data security	
<b>55- TO 60-INCH TVs</b> <i>Continued</i>													
<b>\$</b> Roku 55R6A5R	69	\$450	—	—	↑	↑	↓	↓	↓	↑	↓	↓	LCD (LED)
<b>\$</b> Samsung UN55TU8300	69	\$500	↑	↑	↑	↑	↓	↓	↓	↑	↑	↑	LCD (LED)
Samsung QN55LS03B	68	\$1,200	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Samsung QN55LS03BD	68	\$1,200	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Hisense 55U8N	68	\$1,100	↓	↓	↑	↑	↑	↓	↓	↓	↑	↑	LCD (LED)
Hisense 55U7N	68	\$650	↓	↓	↑	↑	↓	↓	↑	↑	↑	↑	LCD (LED)
Hisense 55U7K	66	\$480	↓	↓	↑	↑	↓	↓	↑	↑	↑	↑	LCD (LED)
Hisense 55U8K	66	\$650	↓	↓	↑	↑	↑	↓	↓	↓	↑	↑	LCD (LED)
Samsung QN55Q60CD	65	\$600	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
LG 55QNED85TUA	65	\$1,000	↑	↑	↑	↑	↑	↑	↑	↓	↓	↓	LCD (LED)
LG 55QNED80URA	65	\$900	↑	↑	↑	↑	↓	↑	↑	↓	↓	↑	LCD (LED)
Samsung QN55Q60C	65	\$600	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
Samsung QN55LS01B	65	\$1,500	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Samsung QN55Q70C	64	\$700	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Sony KD55X85K	63	\$700	↑	↑	↑	↑	↓	↓	↑	↓	↓	↑	LCD (LED)
LG 55QNED75ARA	63	\$600	↑	↑	↓	↓	↓	↑	↓	↑	↓	↑	LCD (LED)
Samsung QN55Q60D	63	\$800	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
LG 55UQ7050ZUD	63	\$370	↑	↑	↑	↑	↓	↓	↓	↑	↓	↑	LCD (LED)
Samsung UN55CU8000	61	\$480	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
LG 55UR8000AUA	61	\$360	↑	↑	↑	↑	↓	↓	↓	↓	↓	↑	LCD (LED)
<b>46- TO 52-INCH TVs</b>													
✓ LG OLED48C4PUA	84	\$1,600	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
✓ Samsung QN50QN90C	77	\$1,100	↑	↑	↑	↑	↑	↓	↓	↑	↑	↑	LCD (LED)
<b>\$</b> LG OLED48A2PUA	76	\$600	↑	↑	↑	↑	↓	↑	↓	↑	↑	↑	OLED
✓ Sony XR-48A90K	75	\$1,400	↑	↑	↑	↑	↓	↑	↑	↓	↓	↑	OLED
✓ Samsung QN50Q80D	71	\$1,000	↑	↑	↑	↑	↑	↓	↓	↓	↑	↑	LCD (LED)
<b>\$</b> LG 50UR8000AUA	66	\$300	↑	↑	↑	↑	↓	↓	↓	↑	↓	↑	LCD (LED)
LG 50QNED75URA	65	\$500	↑	↑	↑	↑	↓	↓	↓	↓	↓	↑	LCD (LED)
Sony KD50X85K	65	\$700	↑	↑	↑	↑	↓	↓	↑	↓	↑	↑	LCD (LED)
Samsung QN50LS03B	64	\$1,100	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
Samsung UN50CU7000D	64	\$350	↑	↑	↑	↑	↓	↓	↓	↑	↑	↑	LCD (LED)
LG 50QNED80URA	61	\$600	↑	↑	↑	↑	↓	↓	↑	↓	↓	↑	LCD (LED)
LG 50UQ7070ZUE	61	\$330	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)



TVs

Brand + Model	Overall Score	Price	Survey Results		Test Results								Feature
			Predicted reliability	Owner satisfaction	HD picture quality	UHD picture quality	HDR	Viewing angle	Motion blur	Sound quality	Data privacy	Data security	
<b>39- TO 43-INCH TVs</b>													
✓ LG OLED42C4PUA	81	\$1,500	↑	↑	↑	↑	↑	↑	↑	↑	↓	↓	OLED
✓ LG OLED42C3PUA	78	\$900	↑	↑	↑	↑	↓	↑	↑	↑	↓	↑	OLED
✓ Sony XR-42A90K	78	\$1,300	↑	↑	↑	↑	↓	↑	↑	↑	↓	↑	OLED
✓ LG OLED42C2PUA	78	\$1,350	↑	↑	↑	↑	↓	↑	↑	↓	↑	↑	OLED
✓ Samsung QN43QN90C	74	\$900	↑	↑	↑	↑	↑	↓	↑	↓	↑	↑	LCD (LED)
✓ Samsung QN43QN90D	73	\$1,300	↑	↑	↑	↑	↑	↓	↑	↓	↑	↑	LCD (LED)
✓ Sony KD43X85K	65	\$550	↑	↑	↑	↑	↓	↓	↑	↓	↓	↑	LCD (LED)
✓ Samsung QN43LS01B	64	\$1,000	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
✓ Samsung UN43DU8000	64	\$400	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
✓ Samsung QN43LS03B	63	\$900	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
✓ Samsung QN43Q60C	62	\$480	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
Ⓢ LG 43UR9000PUA	62	\$350	↑	↑	↑	↑	↓	↑	↓	↓	↓	↑	LCD (LED)
Ⓢ Samsung UN43CU7000	61	\$280	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
Ⓢ Samsung UN43CU8000	61	\$350	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)

<b>32-INCH TVs</b>													
✓ Samsung QN32Q60D	61	\$500	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
✓ Sony KD32W830K	61	\$290	↑	↑	↓	NA	NA	↑	↓	↓	↓	↑	LCD (LED)
✓ Samsung QN32Q60C	59	\$450	↑	↑	↑	↑	↓	↓	↓	↓	↑	↑	LCD (LED)
✓ Samsung QN32LS03C	59	\$550	↑	↑	↑	NA	NA	↓	↓	↓	↑	↑	LCD (LED)
Ⓢ Samsung UN32N5300	58	\$230	↑	↑	↑	NA	NA	↑	↓	↓	↑	↑	LCD (LED)
Ⓢ LG 32LQ630BPUA	58	\$175	↑	↑	↓	NA	NA	↑	↓	↓	↑	↑	LCD (LED)
Ⓢ Roku 32R2A5R	56	\$150	—	—	↑	NA	NA	↓	↓	↓	↓	↓	LCD (LED)
Ⓢ Samsung UN32M4500	56	\$200	↑	↑	↑	NA	NA	↓	↓	↓	↑	↑	LCD (LED)

> Digital and All Access members can find the latest, complete ratings at [CR.org/tvs](https://www.crguide.com/tvs).

**HOW WE TEST:** Overall Score combines test results and survey data. Predicted reliability estimates the likelihood that newly purchased models from a given brand will develop problems or break within the first five years. Findings are from CR's 2020, 2021, and 2022 Summer Quarterly Surveys. Owner satisfaction reflects the proportion of members who are extremely likely to recommend their TV. In cases where we have insufficient survey data to

provide a brand-level rating, indicated by a gray dash (—) the model gets weighted category average scores for reliability and satisfaction. HD and UHD picture quality are assessed for detail, color accuracy, and contrast using signals from special test patterns and videos in their respective formats, via an HDMI input, after the TV is optimized using standard picture controls. HDR—high dynamic range—indicates how effectively the TV can reproduce

the enhanced quality of HDR content. Very effective HDR delivers a wide range of brightness and color, and fine shadow gradations from black to white. Ineffective HDR presents images that are no better than regular standard dynamic range (SDR) TVs. Viewing angle evaluates picture quality for clarity and color accuracy at various horizontal and vertical viewing angles. Sound quality is evaluated from the set's built-in speakers with subjective listening

and test gear. We listen for overall clarity of sound, depth of bass, volume levels and audible distortion. Motion blur evaluates how well the display can present a blur-free image during motion scenes. Versatility indicates features that increase a TV's utilities or capabilities. Scores for Data privacy and Data security are a measure of how the TV and its service providers collect, share, use, and protect your data. Price is approximate retail.



# Wireless Speakers

Wireless speakers use Bluetooth and/or WiFi connectivity to let you stream your favorite tunes without a collection of separate components or a tangle of cables, making them a great choice for listening around the house—or outside.



### What to Look For

- A home model, which usually requires AC power and often connects via Bluetooth and/or your home network via a robust WiFi connection, can usually fill a decent-size room with sound without distortion.
- A portable model with a rechargeable battery and Bluetooth pairing to your

- smartphone lets you play music while you're on the go.
- A water-resistant portable model is great for outdoor use, and can travel from your deck to the beach.
- Sound quality is what separates top speakers from lesser models; that's why our testers weigh it most heavily in our ratings.

- A USB port will let you charge a phone or tablet or connect a PC or laptop.

### What to Skip

- Avoid portable models with limited battery life.

### What You'll Pay

- Prices range from less than \$100 to more than \$400.

### BUYING ADVICE

If you buy online, check the return policy so that you can exchange it if you're not happy with the sound quality.

For more buying advice, go to [CR.org/wireless-speakers](https://www.crguide.com/wireless-speakers).

Brand + Model	Overall Score	Price	Test Results			Features		
			Sound quality	Ease of use	Versatility	Optional multi-room sharing	Adjustable tone settings	Updatable software/firmware
<b>HOME</b>								
✓ Edifier S1000W	76	\$450	↑	↑	↑	•	•	•
✓ Edifier S1000MKII	75	\$400	↑	↑	↓	NA	•	•
✓ Sonos Five	74	\$550	↑	↑	↑	•	•	•
💰 Edifier R2000DB	73	\$330	↑	↑	↓	•	•	•
✓ Edifier S2000MKIII	72	\$550	↑	↑	↓	NA	•	•
✓ Fluance Fi70	72	\$640	↑	↑	↑	NA	•	•
✓ Kanto TUK	70	\$800	↑	↓	↑	•	•	•
✓ AirPulse A100	70	\$1,000	↑	↑	↑	NA	•	•
✓ Denon Home 250	69	\$350	↑	↑	↑	•	•	•
✓ Denon Home 350	69	\$700	↑	↑	↑	•	•	•
✓ Marshall Woburn III	68	\$580	↑	↑	↓	•	•	•
✓ Audio Pro A28	68	\$600	↑	↓	↑	•	•	•
✓ Peachtree Audio M25	68	\$490	↑	↓	↑	NA	•	•



**WIRELESS SPEAKERS**

Brand + Model	Overall Score	Price	Test Results			Features		
			Sound quality	Ease of use	Versatility	Optional multi-room sharing	Adjustable tone settings	Updatable software/firmware
<b>HOME</b> <i>Continued</i>								
✓ AirPulse A80	67	\$700	↑	↑	↑	NA	•	
✓ Denon Home 150	66	\$200	↑	↑	↑	•	•	•
✓ Klipsch The Sevens 6.5	66	\$1,300	↓	↑	↑		•	•
✓ Sonos One SL	64	\$160	↑	↑	↑	•	•	•
✓ Edifier QD35	64	\$200	↓	↑	↓		•	•
✓ Insignia Powered (Pair) (NS-HBTSS116)	63	\$150	↓	↑	↑	NA	•	
✓ Bowers & Wilkins Formation Flex	62	\$500	↓	↑	↑	•	•	•
✓ Kanto Yu	62	\$300	↑	↓	↓		•	
<b>PORTABLE</b>								
✓ Klipsch GIG XXL	64	\$350	↓	↑	↓			NA
✓ Sony SRS-XP500	64	\$400	↓	↑	↑		•	•
✓ Ultimate Ears Hyperboom	64	\$400	↑	↓	↑	NA	•	•
✓ Onn Large Party Speaker Gen 2	63	\$150	↓	↑	↑			
✓ Audio Pro T3+	63	\$200	↓	↑	↓			
✓ Samsung MX-ST5CB	62	\$500	↓	↑	↑		•	•
💰 soundcore Motion X500	62	\$170	↓	↑	↓	NA	•	•
✓ JBL PartyBox Encore Essential	62	\$300	↓	↑	↑	NA	•	•
✓ Bose S1 Pro	62	\$700	↓	↑	↓			•
✓ Sony XG300	61	\$200	↓	↑	↑		•	•
✓ JBL Xtreme 3	61	\$380	↓	↑	↓			•
✓ JBL Boombox 2	61	\$350	↓	↑	↓	NA		•
✓ JBL Partybox 110	60	\$400	↓	↑	↑		•	•
✓ Ultimate Ears EpicBoom	60	\$350	↓	↑	↓		•	
✓ soundcore Motion Boom Plus	60	\$180	↓	↑	↑	NA	•	•
<span>➤</span> Digital and All Access members can find the latest, complete ratings at <a href="https://www.crdigital.com/wireless-speakers">CR.org/wireless-speakers</a> .								

**HOW WE TEST:** Overall Score is based on the results of all our tests. **Sound**

quality measures tonal accuracy and ability to reproduce fine sonic detail.

**Ease of use** refers to setup and use of controls. **Versatility** is based on useful

features. **Price** is approximate retail.

# AUTOS





## Standout New Models by Category

Of all the recent cars, minivans, SUVs, and pickup trucks that we've tested at our 327-acre test track, these are the top-scoring models across the most popular categories. They are listed in order of Overall Score within the sub-categories.

### CARS

SMALL HATCHBACKS  
**\$20,000-\$25,000**

**Best Overall**

Kia Soul  
Toyota Corolla Hatchback  
Hyundai Venue

SMALL SEDANS  
**\$20,000-\$30,000**

**Best Overall**

Mazda3  
Subaru Impreza  
Toyota Corolla  
Hyundai Elantra

HYBRIDS  
**\$25,000-\$40,000**

Toyota Prius  
Kia Niro Hybrid  
Hyundai Elantra Hybrid  
Toyota Corolla Hybrid

MIDSIZED/LARGE SEDANS  
**\$25,000-\$45,000**

**Best Overall**

Honda Accord  
Subaru Legacy  
Nissan Altima  
Hyundai Sonata

**Fuel-Efficient**

Honda Accord Hybrid  
Toyota Crown  
Hyundai Sonata Hybrid

LUXURY SEDANS  
**\$35,000-\$115,000**

**Best Compact**

BMW 3 Series  
Audi A3  
Infiniti Q50  
BMW 2 Series Gran Coupe  
Audi A4  
Lexus IS300  
Acura Integra

**Best Midsize & Large**

Lexus ES300h  
BMW 5 Series  
Audi A6  
Audi A8  
Genesis G80

### SPORTS CARS

**\$24,000-\$100,000**

**Roadsters**

Porsche 718 Boxster  
Mazda MX-5 Miata  
BMW Z4

**Coupes/Hardtops**

Subaru BRZ  
Toyota Supra  
Subaru WRX  
Toyota GR86  
Chevrolet Corvette  
BMW 2 Series  
Ford Mustang GT

### SUVs

SMALL  
**\$25,000-\$40,000**

**Best Overall**

Subaru Crosstrek  
Honda CR-V  
Hyundai Tucson  
Mitsubishi Outlander  
Mazda CX-50  
Toyota RAV4  
Mazda CX-5  
Kia Sportage  
Honda HR-V

**Fuel-Efficient**

Hyundai Tucson Hybrid  
Honda CR-V Hybrid  
Kia Sportage Hybrid  
Toyota Corolla Cross Hybrid  
Toyota RAV4 Hybrid  
Ford Escape Hybrid



Toyota Crown



Mazda CX-5



STANDOUT NEW MODELS BY CATEGORY

**SUVs** cont'd.

MIDSIZED

**\$37,000-\$50,000**

**Best Overall** (Two-Row)

Mazda CX-70  
Subaru Outback  
Ford Edge  
Honda Passport  
Nissan Murano

**Best Overall** (Three-Row)

Kia Telluride  
Hyundai Palisade  
Mazda CX-90  
Toyota Highlander  
Toyota Grand Highlander  
Subaru Ascent  
Honda Pilot  
Hyundai Santa Fe  
Kia Sorento

**Fuel-Efficient**

Toyota Highlander Hybrid  
Hyundai Santa Fe Hybrid  
Toyota Venza  
Kia Sorento Hybrid

LUXURY ENTRY-LEVEL

**\$35,000-\$45,000**

**Best Overall**

BMW X1  
BMW X2  
Audi Q3

**Fuel-Efficient**

Lexus UX250h

LUXURY COMPACT

**\$40,000-\$50,000**

**Best Overall**

BMW X3  
Acura RDX  
Porsche Macan  
Lincoln Corsair  
Lexus NX350  
Cadillac XT5

**Fuel-Efficient**

Lexus NX350h

LUXURY MIDSIZED

**\$50,000-\$90,000**

**Best Overall** (Two-Row)

BMW X5  
Porsche Cayenne  
Lexus RX350

**Best Overall** (Three-Row)

Lexus TX500h  
BMW X7  
Lexus TX350  
Audi Q7  
Cadillac XT6  
Acura MDX  
Infiniti QX60

**Fuel-Efficient**

Lexus RX350h  
Lincoln Nautilus Hybrid

**PICKUP TRUCKS**

**\$20,000-\$75,000**

**Best Small**

Ford Maverick  
Hyundai Santa Cruz

**Best Midsize**

Honda Ridgeline

**Fuel-Efficient**

Ford Maverick Hybrid

**MINIVANS**

**\$35,000-\$50,000**

**Best Overall**

Kia Carnival  
Honda Odyssey  
Chrysler Pacifica

**Fuel-Efficient**

Toyota Sienna

**EVs & PLUG-IN  
HYBRID EVs**

ELECTRIC CARS

**\$40,000-\$50,000**

**Best Overall**

Hyundai Ioniq 6  
Kia Niro EV  
Tesla Model 3

LUXURY ELECTRIC CARS

**\$65,000-\$108,000**

**Best Overall**

BMW i5  
BMW i4  
Porsche Taycan

ELECTRIC SUVs

**\$45,000-\$65,000**

**Best Overall**

Kia EV6  
Nissan Ariya  
Ford Mustang Mach-E

**Best Three-Row**

Kia EV9

LUXURY ELECTRIC SUVs

**\$60,000-\$95,000**

**Best Overall**

BMW iX  
Genesis GV60  
Lexus RZ  
Tesla Model Y  
Audi Q8 E-Tron  
Audi Q4 E-Tron

PHEV CARS

**Best Overall**

Kia Niro PHEV  
BMW 330e  
Toyota Prius Prime

PHEV SUVs

**Best Overall**

Toyota RAV4 Prime  
Kia Sportage PHEV  
Hyundai Tucson PHEV  
Mitsubishi Outlander PHEV  
Mazda CX-90 PHEV  
Ford Escape PHEV

LUXURY PHEV SUVs

**Best Overall**

Lexus RX450h+  
BMW X5 PHEV  
Lexus NX450h+



Hyundai Santa Fe Hybrid



# New Car Ratings

Included here are ratings on 257 vehicles that Consumer Reports has recently tested. They are ranked by their Overall Score within each category.

To earn our Recommendation , vehicles must do well in our Overall Score, which accounts for performance in our road tests; results from our reliability and owner satisfaction surveys; availability of standard crash-prevention systems that include automatic emergency braking (AEB) with pedestrian detection, AEB that operates at highway speeds, blind spot warning (BSW), and rear cross traffic warning (RCTW); and,

if applicable, safety tests that were conducted by the government or the insurance industry.

Survey results include predicted reliability, which is our forecast of how well a new car will likely hold up based on its recent history from our Annual Auto Surveys. Owner satisfaction is the percentage of CR members who say they would definitely buy or lease their vehicle again. Both predictions for new or redesigned models are based on the manufacturer's history, and the previous generation of the vehicle or similar models.

Our road-test score is based on

results from more than 50 tests and evaluations at our 327-acre test facility including acceleration, braking, emergency handling, usability, fit and finish, noise, ride, and more.

Overall mpg is what a vehicle achieved in CR's fuel economy tests, comprising a mix of city and highway driving. The tests are not conducted on EVs, which are marked with NA.

Highs and Lows give a summary of the models' notable strengths and weaknesses. The Green Choice designation  indicates which vehicles are in the top 20 percent of the cleanest emitting in their model year.

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		
<b>CARS: SUBCOMPACT</b>								
 <b>Hyundai Venue SEL</b>	 64	\$20,720			64	32	Fuel economy, braking, controls.	Ride, noise, fit and finish, tight rear seat, no adjustable seat-belt anchors.
<b>Nissan Versa SV</b>	 58	\$18,980			64	32	Fuel economy, controls, standard active safety features for price.	Ride, engine noise, seat comfort.
<b>Chevrolet Trax LT</b>	 57	\$24,680			64	31	Fuel economy, controls, visibility.	Fit and finish, seat comfort, agility.
<b>Mitsubishi Mirage ES</b>	 38	\$16,050			35	37	Easy to park, excellent fuel economy.	Clumsy handling, very loud inside, weak engine, powertrain vibrations, awkward driving position.
<b>CARS: COMPACT</b>								
 <b>Kia Niro PHEV EX</b>	  85	\$35,940			87	47	Drives on electric power part-time, fuel economy better than Niro Hybrid's, hatchback practicality.	Confusing audio/climate controls, rear three-quarter visibility, long wet braking distance, no AWD.
 <b>Toyota Prius XLE (AWD)</b>	  80	\$33,909			76	51	Fuel economy, quick acceleration for its class, hatchback versatility, optional AWD, reliability.	Access and visibility hurt by styling, raucous engine noise when pushed, rear-seat comfort.
 <b>Kia Niro Hybrid EX</b>	  79	\$30,600			83	45	Fuel economy, secure handling, hatchback practicality.	Rear visibility, road noise, confusing audio/climate controls.
 <b>Mazda3 Select</b>	 78	\$24,115			77	30	Fuel economy, fit and finish, quietness, braking.	Unintuitive controls.
 <b>Hyundai Elantra Hybrid Blue</b>	  77	\$24,900			85	48	Fuel economy, handling, braking, controls.	Difficult to get in and out.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**CARS: COMPACT** *Continued*

✓ Toyota Prius Prime XSE	76	\$38,004	↑	↑	78	43	Part-time electric driving, fuel economy in hybrid mode, quick acceleration, hatchback versatility.	Access and outward visibility hurt by styling, noisy engine when pushed, rear-seat comfort.
✓ Subaru Impreza Sport	76	\$28,253	↑	↓	78	29	Handling, short stops on dry pavement, hatchback versatility, standard AWD.	Slow acceleration.
✓ Toyota Corolla LE	75	\$24,835	↑	↓	74	36	Fuel economy, ride, controls.	Tight rear seat, access.
✓ Hyundai Elantra SEL	74	\$23,000	↑	↓	79	33	Fuel economy, secure handling, braking, controls.	Engine noise, ride, access.
✓ Toyota Corolla Hybrid LE	74	\$25,145	↑	↓	75	48	Fuel economy, ride, controls.	Slow acceleration, tight rear seat, access.
✓ Kia Soul EX	73	\$25,320	↓	↓	77	28	Braking, controls, access, passenger space.	Ride, loud engine.
✓ Toyota Corolla Hatchback SE	73	\$24,263	↑	↓	70	36	Fuel economy, handling, braking, controls.	Ride, engine noise, tight rear seat.
✓ Honda Civic Sport	71	\$24,095	↓	↓	74	33	Fuel economy, handling, braking, controls.	Noise, stiff ride, access.
✓ Nissan Sentra SV	70	\$21,400	↓	↓	83	32	Fuel economy, ride, handling, braking, controls, roomy rear seat.	Front seat short on lower back support, foot-operated parking brake, headlight performance.
Volkswagen Jetta SE	55	\$23,325	↓	↓	81	34	Fuel economy, controls, relatively roomy cabin.	Reliability, low dash vents.

**CARS: MIDSIZED/LARGE**

✓ Honda Accord Hybrid Sport	89	\$32,990	↑	↓	96	40	Fuel economy, hybrid powertrain, handling, interior room, user-friendly controls.	Mediocre seat comfort and fit and finish.
✓ Honda Accord EX (1.5T)	78	\$30,705	↓	↓	85	32	Fuel economy, ride, handling, interior room, user-friendly controls.	Mediocre seat comfort and fit and finish.
✓ Toyota Crown Limited (2.5H)	78	\$47,583	↓	↓	85	42	Fuel economy, easy access, roomy cabin.	Hidden trunk release, sunroof doesn't open.
✓ Subaru Legacy Premium	77	\$27,609	↓	↓	89	28	Ride, transmission.	Some climate functions require multiple steps.
✓ Nissan Altima 2.5 SV	76	\$29,330	↓	↓	83	31	Fuel economy, controls, rear seat.	Agility, ease of entry, ride.
✓ Hyundai Sonata SEL (2.5L)	74	\$28,615	↓	↓	83	31	Fuel economy, secure handling, braking.	Ride.
✓ Hyundai Sonata Hybrid SEL	72	\$31,915	↓	↓	81	44	Fuel economy, secure handling, available tech features.	Ride, rough shifts.
✓ Chevrolet Malibu 1LT (1.5T)	67	\$26,790	↓	↓	81	29	Ride, quietness, controls.	Raspy turbo engine, front-seat comfort, hampered visibility.

**CARS: LUXURY ENTRY-LEVEL**

✓ Audi A3 Premium Plus (AWD)	77	\$43,020	↓	↓	85	31	Fuel economy, handling, acceleration, braking, front-seat comfort, fit and finish.	Tight rear seat.
✓ BMW 228i xDrive Gran Coupe	74	\$41,345	↑	↑	76	27	Eager powertrain and handling, front-seat comfort, fit and finish.	Access, tight rear seat, ride.
✓ Acura Integra A-Spec	71	\$34,395	↓	↑	79	31	Fuel economy, handling, controls, hatchback versatility.	Ride, noise, low stance hurts access.
✓ Cadillac CT4 Premium Luxury (2.0T, AWD)	70	\$49,215	↓	↓	78	25	Handling, braking, front-seat comfort, fit and finish.	Rear-seat room and access, scant in-cabin storage.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**CARS: LUXURY ENTRY-LEVEL** *Continued*

✓ Buick Envista Preferred	65	\$26,480	↓	↓	67	29	Well-equipped for the price, secure handling, short stopping distances, hatchback versatility.	Noisy cabin, uneven power delivery, low-end interior materials, no AWD.
Mercedes-Benz CLA250 (4MATIC)	47	\$44,390	↓	↓	66	27	Handling, braking, fit and finish, front-seat comfort.	Ride, controls, hesitation off the line, tight rear seat, wimpy A/C.

**CARS: LUXURY COMPACT**

✓ BMW 330e xDrive	81	\$53,455	↓	↑	87	28	Handling agility, smooth powertrain, braking, seat comfort, fit and finish, part-time electric driving.	Fuel economy as a hybrid slightly lower than regular 330i, short electric range, some controls.
✓ BMW 330i xDrive	78	\$52,995	↓	↓	86	29	Handling, acceleration, braking, transmission, front-seat comfort, fit and finish.	Controls, overzealous lane keeping assistance.
✓ Infiniti Q50 Luxe (AWD)	74	\$48,775	↓	↓	82	22	Acceleration, agility, braking, visibility.	Cumbersome infotainment system, small trunk.
✓ Lexus IS300 (3.5L, AWD)	72	\$45,345	↑	↓	67	22	Acceleration, braking, fit and finish.	Controls, tight quarters, driving position.
✓ Audi A4 Premium Plus	72	\$48,890	↓	↓	88	27	Ride, handling, quietness, transmission, fit and finish, front-seat comfort.	Controls including gear selector take getting used to, tight rear seat.
✓ Volvo S60 (B5, FWD)	70	\$47,110	↓	↓	71	26	Braking, quietness, front-seat comfort, fit and finish.	Ride, controls.
✓ Cadillac CT5 Premium Luxury (2.0T, AWD)	69	\$53,520	↓	↓	76	24	Handling, braking, front-seat comfort, fit and finish.	Unrefined transmission, engine noise, rear headroom, low dash vents.
✓ Acura TLX Tech (2.0T, AWD)	69	\$45,025	↑	↓	66	23	Acceleration, transmission, front-seat comfort.	Infotainment system, engine and road noise, access, tight rear seat.
Genesis G70 Elite (2.5T, AWD)	64	\$43,115	↓	↓	70	23	Handling, fit and finish.	Tight quarters, gear selector and some controls.
Alfa Romeo Giulia Ti (AWD)	56	\$48,890	↓	↑	71	27	Sharp handling, quick steering.	Controls, tight rear seat, limited driver's seat adjustments.
Mercedes-Benz C300 (4MATIC)	49	\$59,770	↓	↓	75	29	Handling, acceleration, front-seat comfort, fit and finish.	Reliability, stiff ride, long stopping distances, unintuitive controls.

**CARS: LUXURY MIDSIZED/LARGE**

✓ Lexus ES300h	88	\$49,365	↑	↑	91	42	Fuel economy, ride, quietness, front-seat comfort, fit and finish.	Controls, tight rear seat.
✓ BMW 530i xDrive	83	\$71,545	↓	↑	91	29	Smooth powertrain, fuel economy, front seats, braking, fit and finish.	Controls.
✓ Lexus ES350	82	\$48,855	↑	↑	83	25	Ride, quietness, front-seat comfort, fit and finish.	Controls, tight rear seat.
✓ Audi A6 Premium Plus (2.0T)	77	\$59,390	↓	↓	91	26	Handling, braking, seat comfort, fit and finish.	Hesitation off the line, scant in-cabin storage.
✓ Audi A8 3.0T	75	\$97,595	↓	↓	91	21	Ride, quietness, transmission, interior room, seat comfort, fit and finish.	Controls require a learning curve, scant in-cabin storage.
✓ Genesis G80 Advanced (2.5T AWD)	74	\$56,920	↓	↑	86	24	Ride, handling, braking, interior room, fit and finish.	Controls, hidden exterior trunk release.
Lexus LS500 (AWD)	66	\$103,899	↓	↓	68	20	Acceleration, quietness, transmission, driver's seat comfort, fit and finish.	Controls, tight rear seat space for class, small trunk.
Mercedes-Benz E350 (4MATIC)	65	\$77,740	↓	↑	88	28	Ride comfort, handling, short stopping distances, quiet cabin, front seat, interior materials.	Distracting controls.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**CARS: LUXURY MIDSIZED/LARGE** *Continued*

<b>Volvo S90 T6 Momentum (AWD)</b>	58	\$61,855	🔴	🟡	71	23	Seat comfort, fit and finish.	Reliability, ride comfort, coarse engine noise, unintuitive controls.
<b>Maserati Ghibli S Q4</b>	51	\$89,010	🔴	🔴	66	19	Exhaust sound, steering feedback, braking, acceleration, transmission, fit and finish.	Fuel economy, ride, initial turbo lag, tight rear seat, access, touchy brake pedal, fussy gear selector.

**CARS: ELECTRIC**

✓ <b>Hyundai Ioniq 6 SEL</b>	🟢 83	\$52,975	🟢	🟢	84	NA	Brisk acceleration, sharp handling, brake pedal feel, quiet cabin, relatively quick DC public charging.	Inconvenient placement of window and mirror controls.
✓ <b>Tesla Model 3 Long Range</b>	🟢 73	\$48,380	🟡	🟢	83	NA	Quick acceleration, agile handling, comfortable front seats.	Distracting controls, no Android Auto or Apple CarPlay.
✓ <b>Kia Niro EV Wind</b>	🟢 71	\$42,595	🟡	🟢	76	NA	Smooth power, hatchback practicality, good range for an affordable EV.	Rear and side visibility, frustrating audio/climate control panel.
<b>Hyundai Kona Electric SEL</b>	🟡 58	\$38,460	🔴	🟡	75	NA	Acceleration, short stops, long range, controls, speedy charging.	Interior has lots of hard plastic, noisy cabin for an EV.
<b>Nissan Leaf SV Plus</b>	🟡 57	\$44,330	🟡	🔴	61	NA	Quietness, quick acceleration.	Charging times, limited range, driving position, handling agility.

**CARS: LUXURY ELECTRIC**

✓ <b>BMW i5 M60</b>	🟢 86	\$91,695	🟡	🟢	94	NA	Acceleration, ride, quietness, seat comfort, high-quality interior, stopping distances.	Controls, relatively small trunk.
✓ <b>BMW i4 M50</b>	🟢 83	\$73,245	🟡	🟢	91	NA	Acceleration, braking, handling, front-seat comfort, fit and finish, hatchback versatility.	Cramped rear seat, confusing controls.
✓ <b>Porsche Taycan 4S</b>	🟢 76	\$128,520	🟢	🟢	78	NA	Acceleration, ride, handling, front-seat comfort.	Controls, limited range, visibility.
<b>Lucid Air Touring</b>	🟢 69	\$128,550	🔴	🟡	94	NA	Acceleration, braking, handling, rear seat room.	Reliability, electric motor whine, wind noise, unintuitive controls, restricted outward visibility.
<b>Tesla Model S Long Range</b>	🟢 63	\$92,690	🔴	🟢	86	NA	Acceleration, braking, quietness, hatchback versatility.	Reliability, controls, access, no Android Auto or Apple CarPlay.
<b>Mercedes-Benz EQE350 (4MATIC)</b>	🟡 59	\$80,210	🔴	🟡	84	NA	Acceleration, quietness, ride, maneuverability, short stopping distances, fit and finish.	Mushy brake pedal feel, distracting controls.
<b>Mercedes-Benz EQS580 (4MATIC)</b>	🟡 59	\$135,875	🔴	🟡	90	NA	Acceleration, quietness, ride, maneuverability, front-seat comfort, fit and finish.	Reliability, brake pedal feel, driving position, distracting controls.
<b>Polestar 2 Long Range Dual Motor</b>	🟡 38	\$62,400	🔴	🟡	69	NA	Acceleration, braking, handling, hatchback versatility.	Reliability, ride, controls, cramped interior.

**SPORTS CARS 2-SEAT**

✓ <b>Porsche 718 Boxster (base)</b>	85	\$69,790	🟢	🟢	95	26	Acceleration, handling, braking, fit and finish, quick convertible top that works on the move.	Ride, noise, access, some controls, visibility with closed top, no AEB offered.
✓ <b>Toyota Supra Premium</b>	84	\$56,115	🟢	🟢	91	27	Acceleration, transmission, handling, braking.	Access, visibility, ride, noise.
✓ <b>Chevrolet Corvette 2LT</b>	81	\$77,680	🟡	🟢	97	19	Acceleration, handling, braking, transmission, fit and finish.	Fuel economy, access, rear and side visibility.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**SPORTS CARS 2-SEAT** *Continued*

✓ Mazda MX-5 Miata Club	80	\$32,715	↑	↑	80	34	Agility, precise manual shifter, fuel economy, easy manual top.	Ride, noise, tight quarters, cumbersome infotainment system, access.
✓ BMW Z4 sDrive30i	80	\$59,195	↑	↑	86	29	Handling, braking, acceleration, seat comfort, fit and finish, quick top operation.	Ride, visibility, controls, overzealous lane keeping assistance.
✓ Nissan Z Performance	71	\$52,125	↓	↑	80	24	Acceleration, sharp handling, strong braking, controls.	Stiff ride, loud cabin, difficult to get in and out of, outward visibility.

**SPORTS CARS 4/5-SEAT**

✓ Subaru BRZ Limited	85	\$32,115	↑	↓	86	27	Satisfying ride/handling balance, acceleration, braking, controls.	Noisy cabin, minuscule rear seat, difficult to get in and out, compromised outward views.
✓ Subaru WRX Premium	83	\$33,227	↑	↑	83	25	Acceleration, handling agility, braking.	Stiff ride, noisy cabin, slow-responding infotainment screen.
✓ Toyota GR86 Premium	83	\$32,206	↑	↓	83	28	Handling, acceleration, braking, controls.	Stiff ride, noise, tiny rear seat, difficult access, outward visibility.
✓ BMW 230i (RWD)	80	\$39,595	↑	↑	85	31	Handling, braking, acceleration, fuel economy, fit and finish, front-seat comfort.	Tight rear seat room.
✓ Ford Mustang GT (V8)	75	\$55,200	↓	↑	76	20	Quick acceleration, burly V8 sound, precise and easy-to-use manual shifter, enjoyable handling.	Some unintuitive controls, awkward access, tight rear seat.
✓ Honda Civic Si	71	\$28,315	↓	↓	74	32	Handling, slick manual shifter, fuel economy, controls.	Ride, noise, access.
✓ Volkswagen Golf GTI SE	61	\$36,539	↓	↓	85	28	Handling, acceleration, braking, slick manual shifter.	Reliability, distracting controls.

**MINIVANS**

✓ Kia Carnival EX	82	\$40,785	↑	↓	85	21	Smooth powertrain, controls, short stopping distances, interior room.	Agility, must remove heavy second-row seats for max cargo capacity.
✓ Toyota Sienna XLE	77	\$43,570	↓	↑	84	36	Fuel economy, interior room and versatility.	Long stopping distances.
✓ Honda Odyssey EX-L	76	\$43,655	↓	↑	83	22	Ride, quietness, interior room and flexibility, kid-friendly tech.	Some controls take getting used to.
✓ Chrysler Pacifica Touring L	70	\$44,345	↓	↓	81	21	Interior space and flexibility, ride, quietness, Uconnect 8.4 infotainment system, access.	Coarse-sounding engine.
✓ Chrysler Pacifica PHEV Select	53	\$54,825	↓	↓	86	27	Interior space, ride, quietness, Uconnect 8.4 infotainment system, access, fuel economy.	Reliability, PHEV loses Stow 'n Go seating/cargo flexibility.

**SUVs: SUBCOMPACT**

✓ Subaru Crosstrek Premium	87	\$29,685	↑	↑	82	29	Ride comfort, fuel economy, short stopping distances, visibility, standard AWD, reliability.	Standard engine feels underpowered and sounds strained.
✓ Toyota Corolla Cross Hybrid LE	79	\$31,795	↑	↓	82	41	Fuel economy, short braking distances, standard AWD.	Loud cabin, cheap interior.
✓ Honda HR-V Sport	74	\$28,790	↑	↓	70	27	Fuel economy, controls, roomy interior for its size.	Stiff ride, noisy cabin, slow acceleration.
✓ Toyota Corolla Cross LE	69	\$28,329	↑	↓	68	28	Fuel economy, braking, access.	Noisy, feels underpowered, agility, fit and finish.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**SUVs: SUBCOMPACT** *Continued*

✓ <b>Kia Seltos S</b>	68	\$24,820	↓	↓	73	28	Fuel economy, braking, controls, visibility.	Ride, noise.
✓ <b>Mazda CX-30 Preferred</b>	67	\$28,645	↑	↓	65	27	Fuel economy, fit and finish.	Controls, engine noise, tight quarters, visibility.
<b>Chevrolet Trailblazer LT (1.3T)</b>	63	\$28,360	↓	↓	68	27	Fuel economy, interior room, mid-range torque, controls.	Rear and side visibility, agility, front-seat comfort.
<b>Hyundai Kona SEL (2.0)</b>	62	\$31,440	↓	↓	72	26	User-friendly controls, outward visibility, access, secure handling and braking.	Fit and finish, base engine a bit noisy and underpowered.
<b>Mitsubishi Eclipse Cross SE</b>	59	\$31,495	↓	↓	61	24	Access, rear seat.	Agility, visibility, front-seat comfort, slow acceleration, cargo space.
<b>Volkswagen Taos SE</b>	47	\$33,064	↓	↓	75	26	Agility, braking, visibility, rear-seat room.	Reliability, uneven power delivery.

**SUVs: COMPACT**

✓ <b>Toyota RAV4 Prime XSE</b>	89	\$45,923	↑	↑	88	34	Acceleration, part-time electric driving, fuel economy, ride, controls, reliability.	Long stopping distances, distracting high-pitched warning signal in Reverse.
✓ <b>Kia Sportage PHEV X-Line</b>	87	\$41,320	↑	↓	92	31	Can drive on electric power part-time, comfortable ride, responsive handling, roomy interior.	Overall fuel economy on gas is worse than the Hybrid, frustrating dual audio/climate panel.
✓ <b>Honda CR-V EX (1.5T)</b>	85	\$34,250	↑	↑	88	26	Generous interior room, braking, simple controls, easy access.	Slightly underpowered.
✓ <b>Hyundai Tucson Hybrid SEL</b>	85	\$33,194	↓	↓	94	35	Fuel economy, handling, ride, roomy interior.	Nothing of note.
✓ <b>Honda CR-V Hybrid Sport</b>	84	\$35,650	↓	↑	93	35	Fuel economy, hybrid powertrain, generous interior room, simple controls, easy access.	Noisy cabin.
✓ <b>Hyundai Tucson SEL (2.5L)</b>	82	\$31,969	↑	↓	85	26	Handling, ride, braking, roomy interior, controls.	Slow acceleration for the class.
✓ <b>Hyundai Tucson PHEV SEL</b>	82	\$39,440	↓	↓	94	31	Can drive on electric power part-time, comfortable ride, responsive handling, roomy interior.	Fuel economy on gas is worse than the Hybrid, unintuitive push-button gear selector.
✓ <b>Mitsubishi Outlander PHEV SE</b>	82	\$47,225	↑	↓	79	25	Can drive on electric power part-time, standard third-row seat, user-friendly controls.	Stiff ride, darty steering, fuel economy in hybrid mode no better than regular Outlander.
✓ <b>Kia Sportage Hybrid EX</b>	79	\$32,905	↓	↓	85	36	Fuel economy, composed ride, roomy interior, easy access.	Braking, frustrating dual audio/climate.
✓ <b>Toyota RAV4 Hybrid XLE</b>	78	\$34,193	↑	↑	80	37	Fuel economy.	Ride, fit and finish.
✓ <b>Mazda CX-50 Premium Plus</b>	77	\$38,620	↑	↓	78	24	Handling, steering, fit and finish, interior room.	Ride, underpowered with the base engine, controls.
✓ <b>Mitsubishi Outlander SE (2.5L)</b>	77	\$34,340	↑	↓	71	25	Standard third row, well-tuned CVT, controls, reliability.	Ride, darty steering, wind noise, slow acceleration.
✓ <b>Toyota RAV4 XLE (2.5L)</b>	75	\$32,109	↑	↓	73	27	Fuel economy.	Engine noise, ride, fit and finish.
✓ <b>Mazda CX-5 Preferred</b>	75	\$31,190	↑	↓	77	24	Ride, quietness, handling.	Compromised rear visibility, controls.
✓ <b>Kia Sportage EX (2.5L)</b>	74	\$31,220	↓	↓	77	25	Roomy interior, secure handling, composed ride, easy access.	Lackluster acceleration.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**SUVs: COMPACT** *Continued*

✓ <b>Ford Escape PHEV</b> (FWD)	74	\$43,725	↓	↑	87	37	Handling agility, smooth transmission, very fuel-efficient, decent electric-only range.	Limited front seat adjustments, AWD not available.
✓ <b>Nissan Rogue SV</b> (1.5T)	70	\$34,905	↓	↓	81	25	Agility, controls, access.	Idle vibration, low dash vents.
✓ <b>Ford Escape Hybrid</b> ST-Line Select	70	\$37,175	↓	↓	82	34	Fuel economy, agility, short stopping distances, controls.	Overly sensitive brake pedal.
<b>Volkswagen Tiguan SE</b>	63	\$31,645	↓	↓	84	25	Generous interior room, easy controls, access, visibility.	Reliability, slow acceleration.
<b>Dodge Hornet PHEV R/T Plus</b>	62	\$42,995	↓	↑	70	29	Acceleration, fuel economy, part-time electric driving.	Stiff ride, loud cabin, unintuitive controls, awkward driving position, poor visibility, cheap interior.
<b>Ford Escape Active</b> (1.5T)	59	\$33,850	↓	↓	71	26	Agility, short stopping distances, controls.	Reliability, engine vibration, overly sensitive brake pedal.
<b>Ford Bronco Sport</b> Outer Banks (1.5T)	58	\$33,655	↓	↓	75	25	Agility, braking, user-friendly controls, character.	Reliability, ride, vibration at low revs, limited seat adjustments.
<b>Dodge Hornet GT</b>	55	\$34,675	↓	↑	59	23	Quick acceleration.	Stiff ride, loud cabin, unintuitive controls, awkward driving position, poor visibility, cheap interior.

**SUVs: MIDSIZED**

✓ <b>Mazda CX-70</b> Premium	81	\$48,605	↑	↓	83	24	Acceleration, agile handling, sharp steering, dry braking distances.	Controls, unintuitive gear selector, stiff ride with 21-inch tires.
✓ <b>Subaru Outback</b> Limited XT	79	\$39,572	↓	↑	89	24	Ride, transmission, seat comfort, driving position, fit and finish, integrated roof cross bars.	Some climate functions require multiple steps.
✓ <b>Toyota Venza XLE</b>	79	\$40,160	↑	↓	79	37	Fuel economy, ease of access.	Controls, visibility, road noise, cargo capacity.
✓ <b>Ford Edge SEL</b> (2.0T)	79	\$42,610	↑	↓	81	22	Quietness, handling, braking, interior room.	Awkward driving position.
✓ <b>Honda Passport</b> EX-L	70	\$39,937	↓	↓	76	21	Acceleration, interior room, quietness.	Stiff ride.
✓ <b>Nissan Murano SL</b>	69	\$42,065	↓	↓	74	21	Push interior, access, easy infotainment system.	Visibility, overly light steering, agility, weak towing capacity.
<b>Chevrolet Blazer LT</b> (V6)	60	\$43,290	↓	↓	78	19	Acceleration, braking, transmission, quietness, controls.	Reliability, fuel economy, visibility, low dash vents.
<b>Jeep Grand Cherokee 4xe</b>	55	\$64,795	↓	↓	75	21	Part-time electric driving, quick acceleration, quiet cabin.	Reliability, braking, fuel economy isn't much better than the standard V6, some controls.
<b>Jeep Grand Cherokee</b> Limited (V6)	54	\$50,590	↓	↓	73	20	Smooth powertrain, quietness, roomy cabin.	Reliability, long stopping distances, some controls.
<b>Volkswagen Atlas Cross Sport SE Tech</b>	53	\$47,745	↓	↓	71	20	Interior room, access, fit and finish.	Reliability, unintuitive controls.
<b>Ford Bronco</b> Outer Banks (2.7T)	46	\$53,505	↓	↑	51	18	Off-road ability, acceleration, character.	Reliability, fuel economy, long stopping distances, wind noise.
<b>Jeep Wrangler Sahara</b> (4-door)	25	\$48,400	↓	↓	34	18	Off-road ability, strong powertrain with the V6 engine.	Reliability, fuel economy, stiff ride, wind noise, awkward access.

**SUVs: MIDSIZED 3-ROW**

✓ <b>Toyota Highlander Hybrid XLE</b>	85	\$47,595	↑	↑	86	35	Fuel economy, ride, roomy second-row seats.	Some engine noise.
✓ <b>Kia Telluride EX</b>	84	\$40,855	↓	↑	92	21	Ride, quietness, braking, interior room, controls.	Short on handling agility.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**SUVs: MIDSIZED 3-ROW** *Continued*

✓ <b>Hyundai Santa Fe Hybrid SEL</b>	84	\$40,145	↓	↑	94	34	Excellent fuel economy, short stops, comfortable ride, roomy second row, generous cargo area.	Tight third-row seat.
✓ <b>Hyundai Palisade SEL</b>	83	\$43,415	↑	↑	85	21	Powertrain, interior room, access.	Agility, unintuitive gear selector.
✓ <b>Mazda CX-90 Preferred Plus</b>	82	\$48,670	↑	↓	85	24	Quick acceleration, agile handling, sharp steering, short dry stopping distances.	Quirky controls, unintuitive gear selector, stiff ride with 21-inch tires on high-end trims.
✓ <b>Mazda CX-90 PHEV Premium</b>	80	\$55,150	↑	↓	81	23	Can drive on electric power part-time, handling agility.	Stiff ride, unintuitive controls, refinement falls short, fuel economy less than non-PHEV.
✓ <b>Toyota Highlander XLE (2.4T)</b>	80	\$46,328	↑	↓	82	22	Ride, roomy second-row seats, easy access.	Turbo engine lacks refinement.
✓ <b>Subaru Ascent Limited</b>	79	\$43,867	↓	↑	90	22	Ride, quietness, interior room, visibility, braking, controls, usable third-row seat.	Short on handling agility.
✓ <b>Kia Sorento Hybrid EX</b>	77	\$40,975	↓	↓	86	28	Fuel economy, rides better than regular Sorento.	Hesitation when accelerating from a stop.
✓ <b>Honda Pilot Touring</b>	77	\$50,240	↓	↑	85	21	Smooth powertrain, ride, braking, roomy interior, hospitable third-row seat, controls.	Light and vague steering, short on handling agility.
✓ <b>Hyundai Santa Fe SEL</b>	75	\$40,465	↓	↑	82	24	Ride comfort, user-friendly controls, roomy second row, cargo room.	Uneven power delivery.
✓ <b>Kia Sorento EX (2.5T)</b>	72	\$38,725	↓	↓	82	25	Controls, acceleration.	Ride, dual-clutch transmission's low-speed vibration.
<b>Dodge Durango GT (V6)</b>	66	\$43,525	↓	↓	78	18	Ride, quietness, transmission, interior space, access, front seats, towing capacity.	Fuel economy, rear visibility, maneuverability.
<b>Nissan Pathfinder SL</b>	62	\$46,375	↓	↓	81	21	Powertrain, interior room, controls.	Reliability, overly firm ride.
<b>Ford Explorer XLT (2.3T)</b>	60	\$49,940	↓	↓	74	21	Agility, controls.	Reliability, ride, transmission's lumpy shifts.
<b>Volkswagen Atlas SE Tech</b>	60	\$47,121	↓	↓	78	20	Accommodations, third-row seat comfort and access, fit and finish.	Reliability, unintuitive controls, fuel economy behind its peers.
<b>Jeep Grand Cherokee L Limited (V6)</b>	51	\$55,265	↓	↓	71	19	Transmission, interior space, roomy third row, towing capacity.	Reliability, fuel economy, slow acceleration, long stopping distances, noisy V6, controls.

**SUVs: LARGE**

✓ <b>Toyota Grand Highlander XLE (2.4T)</b>	80	\$49,457	↑	↑	81	22	Ride comfort, passenger and cargo room.	Short on handling agility, engine noise.
<b>Toyota Sequoia Limited</b>	64	\$70,508	↑	↑	57	18	Powertrain, towing capacity.	Fuel economy, clumsy handling, jostly ride, stopping distances, no auto 4WD, tiny third-row seat.
<b>Ford Expedition MAX Limited</b>	60	\$75,430	↓	↓	66	16	Quietness, acceleration, controls, interior room.	Fuel economy, ride, handling.
<b>Nissan Armada Platinum</b>	57	\$63,020	↓	↓	60	14	Smooth and robust powertrain, quietness, towing capacity, fit and finish.	Fuel economy, agility, unsettled ride.
<b>Jeep Wagoneer Series II</b>	56	\$82,285	↓	↓	75	18	Quick acceleration, smooth transmission, quietness, seat comfort, interior quality.	Braking performance.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**SUVs: LARGE** *Continued*

<b>Chevrolet Suburban Premier</b>	52	\$74,375	⬇️	⬇️	69	16	Interior room, seat comfort, ride, quietness, infotainment.	Reliability, fuel economy, braking, gear selector, agility, high step-in, tall hood hurts visibility.
<b>GMC Yukon SLT</b>	51	\$65,790	⬇️	⬇️	67	17	Ride, quietness, controls, interior room, seat comfort.	Reliability, fuel economy, gear selector, agility, high step-in, tall hood hurts visibility.
<b>GMC Yukon XL SLT</b>	51	\$71,245	⬇️	⬇️	67	16	Interior room, seat comfort, ride, quietness, infotainment.	Reliability, fuel economy, braking, gear selector, agility, high step-in, tall hood hurts visibility.
<b>Chevrolet Tahoe LT</b>	50	\$63,650	⬇️	⬇️	67	17	Ride, quietness, controls, interior room, seat comfort.	Reliability, fuel economy, gear selector, agility, high step-in, tall hood hurts visibility.

**SUVs: LUXURY ENTRY-LEVEL**

✓ <b>BMW X1 xDrive28i</b>	79	\$46,495	⬇️	⬇️	86	28	Nimble handling, short stopping distances, fuel economy, seat comfort, fit and finish.	Stiff ride, inconsistent power delivery, confusing controls.
✓ <b>Lexus UX250h</b>	78	\$37,740	⬆️	⬇️	75	37	Fuel economy, transmission, quietness, reliability.	Controls, cramped interior, tight rear seat.
✓ <b>BMW X2 xDrive28i</b>	75	\$46,295	⬇️	⬇️	80	29	Agile handling, short stopping distances, fuel economy, front-seat comfort, high-quality cabin.	Uneven power delivery, stiff ride, confusing controls, hampered rear visibility.
✓ <b>Audi Q3 Premium Plus</b>	70	\$43,940	⬇️	⬇️	82	23	Handling, braking, seat comfort.	Loud engine, rear visibility.
<b>Cadillac XT4 Premium Luxury</b>	64	\$49,430	⬇️	⬇️	76	23	Handling, transmission, braking, fit and finish, front-seat comfort.	Engine noise, ride.
<b>Volvo XC40 T5 Momentum</b>	64	\$41,510	⬇️	⬇️	70	24	Interior ambience, comfortable front seats.	Stiff ride, frustrating controls, gear selector, engine noise.
<b>Buick Encore GX Select (1.3T)</b>	63	\$33,145	⬇️	⬇️	68	26	Strong mid-range acceleration, braking, infotainment system.	Engine noise and vibration, tight rear seat.
<b>Alfa Romeo Tonale Ti</b>	56	\$47,790	⬇️	⬆️	69	29	Acceleration, fuel economy, part-time electric driving.	Stiff ride, loud cabin, unintuitive controls, fit and finish.
<b>Jaguar E-Pace SE</b>	52	\$48,070	⬇️	⬇️	67	21	Handling, fit and finish.	Uneven power delivery, ride, visibility, controls.
<b>Mercedes-Benz GLA250</b>	52	\$43,475	⬇️	⬇️	75	27	Acceleration, handling, fuel economy, fit and finish.	Controls, rear and side visibility.

**SUVs: LUXURY COMPACT**

✓ <b>Lexus NX450h+</b>	88	\$64,930	⬆️	⬆️	90	35	Fuel economy, fit and finish, part-time electric driving.	Visibility, electronic door releases, fuel economy not as good as hybrid when not in EV mode.
✓ <b>BMW X3 xDrive30i</b>	86	\$53,745	⬆️	⬆️	90	24	Handling, braking, transmission, quietness, front-seat comfort, fit and finish.	Controls require a learning curve.
✓ <b>Lexus NX350h</b>	83	\$47,590	⬆️	⬆️	84	38	Fuel economy, fit and finish.	Visibility, annoying electronic door releases, touchy brake pedal, long stopping distances.
✓ <b>Acura RDX Tech</b>	81	\$43,995	⬆️	⬇️	80	22	Handling, acceleration, short stopping distances, front-seat comfort, fit and finish.	Controls, gear selector, engine noise, brake pedal feel.
✓ <b>Porsche Macan S</b>	76	\$63,290	⬆️	⬆️	79	19	Handling, powertrain, ride, quietness, braking, front-seat comfort, fit and finish, towing capacity.	Fuel economy, rear visibility, modest cargo area, controls.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		

**SUVs: LUXURY COMPACT** *Continued*

✓ Lincoln Corsair Reserve (2.0T)	72	\$50,870	↓	↓	80	23	Ride, quietness, powertrain, braking, fit and finish.	Some unintuitive controls.
✓ Lexus NX350	72	\$47,765	↓	↓	78	25	Fit and finish, braking.	Annoying electronic door releases, gear selector, visibility.
✓ Cadillac XT5 Luxury	71	\$51,025	↓	↓	75	20	Plush interior, seat comfort, quietness.	Stiff ride, unintuitive gear selector, visibility.
✓ Buick Envision Essence	69	\$43,180	↓	↓	77	23	Ride, quietness, braking, infotainment system.	Unintuitive gear selector, low dash vents, front wheelspin.
Audi Q5 Premium Plus	68	\$51,570	↓	↓	82	24	Ride, quietness, seat comfort.	Unintuitive gear selector, controls require a learning curve.
Infiniti QX50 Essential	67	\$51,380	↓	↓	75	22	Quietness, fit and finish, braking.	Confusing controls, short on agility.
Genesis GV70 Advanced (2.5T)	63	\$51,095	↓	↑	81	24	Ride, handling, transmission, seat comfort, fit and finish.	Reliability, controls, rear visibility.
Maserati Grecale GT (2.0T)	62	\$77,845	↓	↑	83	24	Acceleration, braking, agility, fit and finish.	Unintuitive gear selector.
Volvo XC60 T5 Momentum	60	\$50,040	↓	↓	77	23	Seat comfort, fit and finish, braking.	Reliability, stiff ride, maddening controls.
Alfa Romeo Stelvio Ti	57	\$52,040	↓	↓	74	24	Handling, style, character.	Controls, visibility, tight rear seat, limited seat adjustments, overly touchy brake pedal.
Volvo XC60 PHEV Plus	57	\$67,290	↓	↓	86	28	Acceleration, part-time electric driving, fuel economy, braking, seat comfort, fit and finish.	Overly stiff ride, unintuitive controls.
Land Rover Range Rover Velar S	56	\$59,503	↓	↓	74	21	Handling, fit and finish.	Stiff ride, distracting controls, visibility, fuel economy, brand reliability.
Mercedes-Benz GLB250	55	\$47,435	↓	↓	81	26	Handling, braking, acceleration, fit and finish.	Controls, low and flat rear seat.
Jaguar F-Pace Prestige	54	\$53,895	↓	↓	69	20	Agility, acceleration, braking, transmission, roomy rear seat.	Ride, noise, rear visibility, inferior infotainment system, wimpy A/C.
Mercedes-Benz GLC300	51	\$58,195	↓	↑	78	26	Quietness, fit and finish, front-seat comfort, dry stopping distance.	Unintuitive controls, overly firm ride, mushy brake pedal.
Land Rover Discovery Sport SE	46	\$49,895	↓	↓	57	21	Access, spacious rear seat, some off-road ability.	Transmission, uneven power delivery, ride, handling, controls, rear visibility.
Land Rover Range Rover Evoque SE	46	\$56,997	↓	↓	56	20	Front-seat comfort, fit and finish, agility, braking.	Ride, controls, visibility, hesitation off the line.

**SUVs: LUXURY MIDSIZED**

✓ BMW X5 xDrive40i	92	\$68,730	↑	↑	94	23	Ride, quietness, acceleration, transmission, braking, seat comfort, fit and finish.	Controls require a learning curve.
✓ Lexus RX450h+	89	\$75,860	↑	↑	94	34	Part-time electric driving, fuel economy, comfortable ride, cabin materials.	Noisy gas engine, some controls, hampered visibility.
✓ BMW X5 xDrive50e	88	\$82,945	↓	↑	98	21	Quick acceleration, can run as an EV part-time, ride comfort, braking, seat comfort, fit and finish.	Controls have a steep learning curve, fuel economy as a hybrid is worse than regular X5.
✓ Lexus RX350h Premium+	83	\$59,955	↑	↑	86	34	Fit and finish, rear seat room, fuel economy.	Rear/side visibility, unintuitive controls, louder gas engine.
✓ Porsche Cayenne Base	81	\$79,280	↑	↑	84	21	Handling, quietness, fit and finish, seat comfort.	Controls, ride, uneven power delivery.
✓ Lexus RX350 Premium+	78	\$55,595	↑	↑	79	24	Fit and finish, rear seat room.	Rear/side visibility, unintuitive controls, louder turbo engine.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		
<b>SUVs: LUXURY MIDSIZED</b> <i>Continued</i>								
<b>Mercedes-Benz GLE450</b>	61	\$75,090	⬇️	⬇️	76	20	Acceleration, quietness, seat comfort, fit and finish.	Reliability, distracting controls.
<b>Land Rover Range Rover Sport SE</b>	61	\$92,170	⬇️	⬆️	81	20	Supple ride, quiet cabin, agile handling, fit and finish, seat comfort.	Complicated controls.
<b>Genesis GV80 Advanced (3.5T)</b>	61	\$65,775	⬇️	⬆️	75	18	Acceleration, transmission, handling, braking, quietness, fit and finish.	Reliability, fuel economy, controls.
<b>Land Rover Defender SE</b>	47	\$70,710	⬇️	⬇️	57	18	Acceleration, off-road ability, character.	Fuel economy, braking, controls, agility, step-in height, rear visibility.
<b>SUVs: LUXURY MIDSIZED 3-ROW</b>								
✓ <b>Audi Q7 Premium Plus (3.0T)</b>	77	\$71,010	⬇️	⬇️	87	20	Powertrain, quietness, agility, fit and finish, front- and second-row seat comfort.	Controls have a learning curve.
✓ <b>Cadillac XT6 Premium Luxury</b>	72	\$62,515	⬇️	⬇️	76	18	Ride, quietness, transmission.	Fuel economy, limited seat adjustments, missing some luxury features.
✓ <b>Acura MDX Tech</b>	70	\$55,125	⬇️	⬇️	74	20	Smooth powertrain, front- and rear-seat comfort, fit and finish.	Controls, braking, must get top trim for some luxury features.
✓ <b>Infiniti QX60 Luxe</b>	70	\$59,835	⬇️	⬇️	81	21	Ride, quietness, acceleration, fit and finish.	Long wet stopping distances.
<b>Volvo XC90 T6 Momentum</b>	66	\$56,805	⬇️	⬇️	80	20	Quietness, seat comfort, fit and finish, visibility, braking.	Reliability, stiff ride, unintuitive controls.
<b>Lincoln Aviator Reserve (3.0T)</b>	62	\$64,920	⬇️	⬇️	78	19	Acceleration, handling, ride, quietness, fit and finish, cargo room.	Reliability, fuel economy, controls, gear selector.
<b>Land Rover Discovery HSE</b>	52	\$69,260	⬇️	⬇️	65	17	Acceleration, ride, quietness, front-seat comfort, fit and finish.	Fuel economy, agility, controls, low rear seat, third-row access.
<b>SUVs: LUXURY LARGE</b>								
✓ <b>Lexus TX500h F Sport</b>	87	\$72,815	⬆️	⬆️	92	24	Acceleration, roomy cabin, comfortable ride, high-quality interior materials.	Some unintuitive controls.
✓ <b>BMW X7 xDrive40i</b>	78	\$84,095	⬇️	⬆️	90	22	Ride, quietness, acceleration, transmission, seat comfort, fit and finish.	Controls require a learning curve.
✓ <b>Lexus TX350</b>	77	\$64,575	⬆️	⬆️	79	21	Lots of interior space, nicely finished cabin, comfortable ride.	Some unintuitive controls.
<b>Mercedes-Benz GLS450</b>	65	\$89,030	⬇️	⬇️	82	20	Powertrain, ride, quietness, seat comfort, fit and finish.	Reliability, distracting controls.
<b>Cadillac Escalade Premium Luxury</b>	63	\$98,740	⬇️	⬆️	72	16	Ride, quietness, powertrain, acceleration, fit and finish, seat comfort.	Fuel economy, handling, tall hood compromises front visibility.
<b>Lincoln Navigator Select</b>	54	\$86,480	⬇️	⬇️	58	16	Quietness, powertrain, second- and third-row seat room.	Fuel economy, front seats, gear selector, clumsy handling.
<b>SUVs: ELECTRIC</b>								
✓ <b>Kia EV6 Wind</b>	77	\$52,840	⬇️	⬆️	86	NA	Acceleration, quietness, braking, handling.	Poor outward visibility, awkward exterior door handles.
✓ <b>Nissan Ariya Platinum+</b>	70	\$63,020	⬆️	⬆️	70	NA	Acceleration, quiet interior, roomy cabin.	Extra steps to unplug, grabby brake-pedal feel, weak on-board charger.
✓ <b>Ford Mustang Mach-E Premium</b>	70	\$55,800	⬇️	⬆️	74	NA	Acceleration, handling, quietness.	Fussy door handles, controls.
<b>Hyundai Ioniq 5 SEL</b>	67	\$51,020	⬇️	⬆️	86	NA	Acceleration, quietness, handling.	Reliability.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		
<b>SUVs: ELECTRIC</b> <i>Continued</i>								
Subaru Solterra Limited	62	\$50,432	↓	↓	67	NA	Quick acceleration, agile handling.	Slow charging and short range compared with other EVs, stingy EV-specific displays, no glove box.
Toyota bZ4X Limited	62	\$51,009	↓	↓	67	NA	Quick acceleration, agile handling.	Slow charging and short range compared with other EVs, stingy EV-specific displays, no glove box.
Volkswagen ID.4 Pro S	57	\$50,870	↓	↓	75	NA	Acceleration, ride, quietness, roomy interior.	Reliability, controls, unpleasant pedestrian warning sound, brake pedal feel.
Chevrolet Blazer EV RS	56	\$60,710	↓	↑	68	NA	Quick acceleration, long range.	Slow steering, stiff ride, long stopping distances, low dash air vents, no Android Auto or Apple CarPlay.
<b>SUVs: ELECTRIC 3-ROW</b>								
Kia EV9 Wind	79	\$65,620	↓	↑	88	NA	Quick acceleration, short stopping distances, roomy interior, relatively speedy public charging.	Short on handling agility, controls take some familiarity.
Mercedes-Benz EQS SUV 450	58	\$111,580	↓	↑	83	NA	Ride, quietness, acceleration, short stopping distances, seat comfort, fit and finish.	Distracting controls, mushy brake-pedal feel.
Tesla Model X Long Range	53	\$109,200	↓	↑	74	NA	Acceleration, handling, front-seat comfort, fit and finish.	Reliability, fussy rear doors, ride, wind noise, rear visibility, controls, no Android Auto/Apple CarPlay.
Rivian R1S Adventure	52	\$79,250	↓	↑	72	NA	Quick acceleration, generous cargo space.	Reliability, stiff ride, unintuitive controls, abrupt regenerative braking, no Android Auto/Apple CarPlay.
<b>SUVs: ELECTRIC LUXURY</b>								
✓ BMW iX xDrive50	84	\$92,695	↓	↑	91	NA	Ride, quietness, acceleration, agility, seat comfort, fit and finish.	Confusing controls.
✓ Genesis GV60 Advanced	75	\$60,220	↓	↑	86	NA	Acceleration, quiet cabin, front seats, interior material quality.	Driving range, distracting controls, compromised rear visibility.
✓ Lexus RZ Premium	74	\$63,405	↑	↓	70	NA	Comfortable ride, quiet cabin, quick acceleration.	Short driving range and slow charging, unintuitive controls, wet stopping distances, no glove box.
✓ Tesla Model Y Long Range	72	\$61,190	↓	↑	88	NA	Handling, acceleration, braking, seat comfort.	Ride, controls, no Android Auto/Apple CarPlay.
✓ Audi Q8 E-Tron Premium Plus	71	\$80,450	↓	↓	86	NA	Ride, quietness, acceleration, seat comfort, fit and finish.	Some controls take getting used to.
✓ Audi Q4 E-Tron Premium Plus	71	\$60,580	↓	↓	79	NA	Quiet cabin, acceleration, braking, seat comfort, fit and finish.	Spongy brake pedal, unlit climate controls.
✓ Genesis Electrified GV70 Advanced	69	\$67,595	↓	↑	79	NA	Acceleration, quietness, fit and finish, seat comfort.	Controls, inconveniently placed front charging port, rear visibility.
Cadillac Lyriq Luxury	65	\$73,945	↓	↑	84	NA	Acceleration, quiet cabin, ride/handling balance, interior quality, fast home charging.	Awkward door handles, thick roof pillars hamper visibility.
Jaguar I-Pace HSE	54	\$86,841	↓	↓	72	NA	Acceleration, handling, quietness, fit and finish.	Controls, brake pedal feel, brand reliability, slow public charging.
Mercedes-Benz EQE SUV 350	54	\$84,690	↓	↑	76	NA	Acceleration, short dry stopping distance, quiet cabin, comfortable front seats, interior quality.	Distracting controls, squishy-feeling brakes.
Volvo C40 Ultimate	52	\$62,340	↓	↑	68	NA	Quick acceleration, braking, front-seat comfort, fit and finish.	Stiff ride, wind noise, unintuitive controls, rear seat, visibility.



**NEW CAR RATINGS**

Make + Model	Overall Score	Price	Survey Results		Road-Test Results		Highs	Lows
			Predicted reliability	Owner satisfaction	Road-test score	Overall mpg		
<b>PICKUPS: SMALL</b>								
✓ Ford Maverick XLT (2.0T)	78	\$29,965	↑	↑	78	23	Ride and handling, maneuverability, visibility, access, controls.	Noise, cabin quality.
✓ Ford Maverick Hybrid Lariat	77	\$32,925	↓	↑	82	37	Fuel economy, visibility, access, controls, dry stopping distance.	Cabin quality.
✓ Hyundai Santa Cruz XRT (2.5T)	74	\$42,050	↓	↑	77	24	Acceleration, drives like a car, controls.	Small bed, rear visibility.
<b>PICKUPS: MIDSIZED</b>								
✓ Honda Ridgeline RTL	78	\$36,480	↓	↑	83	20	Ride, quietness, clever in-bed storage and dual-mode tailgate.	Low towing capacity, shallow bed.
Toyota Tacoma SR5	62	\$46,787	↑	↓	59	20	User-friendly controls, off-road ability.	Stiff ride, clumsy handling, rough sounding engine, high step-in.
Chevrolet Colorado LT	56	\$41,070	↓	↓	71	19	Relatively agile handling, ride comfort, automatic 4WD mode.	Raspy engine, tight rear seat.
GMC Canyon Elevation	56	\$44,970	↓	↓	71	19	Relatively agile handling, ride comfort, automatic 4WD mode.	Raspy engine, tight rear seat.
Nissan Frontier SV	48	\$40,630	↓	↓	67	18	Braking, transmission, controls.	Reliability, ride, tight rear seat.
Jeep Gladiator Sport	45	\$46,405	↓	↓	52	18	Powertrain, towing capacity, character.	Reliability, handling, wind noise, awkward window controls.
<b>PICKUPS: FULL-SIZED</b>								
Nissan Titan SV (V8)	64	\$44,370	↓	↓	70	16	Acceleration, braking, roomy cab, light tailgate.	Fuel economy, ride, fit and finish.
Ford F-150 XLT (2.7T)	64	\$55,535	↓	↓	75	19	Quietness, cabin room, quick acceleration, controls.	Reliability, ride, agility, high step-in.
Chevrolet Silverado 1500 LT (5.3L V8)	56	\$50,225	↓	↓	78	17	Interior room, deep bed, quietness.	Reliability, step-in height.
GMC Sierra 1500 SLE (5.3L V8)	56	\$52,100	↓	↓	78	17	Interior room, deep bed, quietness.	Reliability, step-in height.
Chevrolet Silverado 1500 LT (diesel)	56	\$50,225	↓	↓	78	23	Fuel economy, interior room, deep bed, quietness.	Reliability, long stopping distances, step-in height.
GMC Sierra 1500 SLE (diesel)	56	\$52,100	↓	↓	78	23	Fuel economy, interior room, deep bed, quietness.	Reliability, long stopping distances, step-in height.
Ford F-150 Hybrid Lariat (3.5H)	55	\$69,935	↓	↓	79	20	Quietness, cabin room, acceleration, controls, hybrid's generator.	Reliability, ride, agility, high step-in.
Toyota Tundra SR5 (3.5T)	54	\$53,393	↓	↓	71	17	Quietness, cabin room, quick acceleration, controls.	Reliability, ride, agility, high step-in.
<b>PICKUPS: ELECTRIC</b>								
Ford F-150 Lightning Lariat	69	\$80,889	↓	↓	81	NA	Acceleration, quietness, roomy cab, front trunk, rides better than regular F-150.	Reliability, distracting controls, long stopping distances.
Rivian R1T Adventure	58	\$74,500	↓	↑	84	NA	Acceleration, handling, quietness, creative storage spaces.	Reliability, intrusive regenerative braking, unintuitive controls, no Android Auto/Apple CarPlay.



## Road-Test Highlights

We conduct more than 50 objective tests and subjective evaluations on every vehicle we purchase. The charts list the results from our testing, and the information provided on these pages allows you to easily compare models. Here's an explanation of the criteria that appear in the charts:

■ **Make + Model** specifies the make, model, and trim version of the vehicle Consumer Reports bought and tested. We often test multiple versions of the same model, and each can yield different results depending on the trim and equipment level, body style, and engine type.

■ **Trans.** indicates the transmission type and number of speeds. "Auto" is automatic; "CVT," continuously variable transmission; "Man," manual; "Seq," sequential; and "1-spd. dir.," one-speed direct drive.

■ **HP** is the horsepower of the engine or motor tested.

■ **Engine** notes displacement, number of cylinders, and configuration we tested, or if the vehicle is electric.

■ **CR's Fuel Economy** includes the tested Overall miles per gallon based on a realistic mix of highway and city driving. The figures for City and Highway driving are listed separately. EVs are displayed with EPA MPGe figures.

■ **Acceleration** is based on how a vehicle performs in several tests. The 0-30 mph and 0-60 mph tests are conducted from a standstill with the engine idling; the figures indicate the number of seconds needed to reach those speeds. The ¼-mile test is also done from a standing start, and the figures listed indicate the number of seconds needed to reach the quarter-mile mark as well as the

speed the vehicle was traveling when it reached that distance.

■ **Braking** is the distance in feet a vehicle took to stop from 60 mph on dry and wet pavement.

■ **Performance** includes our emergency-handling and turning-circle tests. AM speed is the speed at which the vehicle successfully negotiated our avoidance-maneuver test course, which simulates swerving quickly, with a left-right-left steering sequence, to avoid an obstacle on the road without losing control. The faster the speed, the better. Turning circle is the bumper clearance needed, in feet, to complete a U-turn.

For more comprehensive information on the vehicles we have tested and to continue your research, go to [CR.org](https://www.cris.org). CR members have access to all of our test results, detailed reliability and owner satisfaction ratings, and expert reviews.





**ROAD-TEST HIGHLIGHTS**

Make + Model	Trans.	HP	Engine	CR's Fuel economy (mpg)			Acceleration			Braking		Performance	
				Overall	City	Highway	0-30 mph (sec.)	0-60 mph (sec.)	1/4 mi (sec. @ mph)	from 60 mph dry (ft.)	from 60 mph wet (ft.)	AM speed (mph)	Turning circle (ft.)
Acura Integra A-Spec	CVT	200	1.5-liter 4 turbo	31	21	42	3.5	7.7	16.0 @ 94	129	137	57.0	40
Acura MDX Tech	auto 10	290	3.5-liter V6	20	13	27	3.0	7.4	15.8 @ 92	139	139	53.5	42
Acura RDX Tech	auto 10	272	2.0-liter 4 turbo	22	15	30	3.0	7.0	15.5 @ 95	127	129	52.0	40
Acura TLX Tech	auto 10	272	2.0-liter 4 turbo	23	15	34	2.9	6.5	15.1 @ 98	136	148	54.0	42
Alfa Romeo Giulia Ti	auto 8	280	2.0-liter 4 turbo	27	18	39	3.1	6.7	15.2 @ 99	136	147	53.0	39
Alfa Romeo Stelvio Ti	auto 8	280	2.0-liter 4 turbo	24	17	32	3.1	7.0	15.5 @ 96	132	138	52.5	40
Alfa Romeo Tonale Ti PHEV	auto 6	285	1.3L 4 turbo + elec	29	21	36	2.8	6.3	14.9 @ 97	131	144	53.5	39
Audi A3 Premium Plus	seq 7	201	2.0-liter 4 turbo	31	20	44	2.6	6.8	15.2 @ 95	120	129	55.5	38
Audi A4 Premium Plus	seq 7	261	2.0-liter 4 turbo	27	18	40	2.7	6.3	14.9 @ 98	135	145	53.5	40
Audi A6 Premium Plus	seq 7	261	2.0-liter 4 turbo	26	17	39	2.8	6.8	15.3 @ 96	129	137	55.5	38
Audi A8 55 TFSI	auto 8	335	3.0-liter V6 turbo	21	13	33	2.4	6.1	14.5 @ 101	133	142	53.5	43
Audi Q3 Premium Plus	auto 8	228	2.0-liter 4 turbo	23	15	33	3.2	7.8	16.1 @ 91	126	135	52.5	40
Audi Q4 E-Tron Premium Plus	1-spd. dir.	295	electric	100**	107**	92**	2.5	5.9	14.5 @ 98	133	134	52.5	39
Audi Q5 Premium Plus	seq 7	248	2.0-liter 4 turbo	24	17	34	2.7	6.8	15.4 @ 94	130	144	52.5	40
Audi Q7 Premium Plus	auto 8	335	3.0-liter V6 turbo	20	13	28	3.0	7.0	15.4 @ 97	133	141	50.5	43
Audi Q8 E-Tron Premium Plus	1-spd. dir.	402	electric	81**	80**	83**	2.9	6.3	14.8 @ 99	131	134	49.5	42
BMW 230i	auto 8	255	2.0-liter 4 turbo	31	21	45	2.8	6.4	14.8 @ 101	128	139	56.0	38
BMW 228i xDrive Gran Coupe	auto 8	228	2.0-liter 4 turbo	27	17	45	3.2	7.2	15.6 @ 96	132	143	51.0	39
BMW 330e xDrive PHEV	auto 8	288	2.0L 4 turbo + elec	28	19	39	2.1	5.8	14.3 @ 100	127	145	54.5	41
BMW 330i xDrive	auto 8	255	2.0-liter 4 turbo	29	19	44	2.6	6.4	14.8 @ 99	129	135	54.0	41
BMW 530i xDrive	auto 6	255	2.0-liter 4 turbo	29	19	43	2.5	6.6	15.0 @ 96	122	136	55.0	42
BMW X1 xDrive28i	seq 7	241	2.0-liter 4 turbo	28	19	41	3.2	7.1	15.5 @ 97	124	136	54.0	40
BMW X2 xDrive28i	seq 7	241	2.0-liter 4 turbo	29	18	45	3.1	7.0	15.4 @ 97	128	137	53.5	40
BMW X3 xDrive30i	auto 8	248	2.0-liter 4 turbo	24	16	36	3.1	7.7	16.0 @ 92	128	138	50.5	41
BMW X5 xDrive40i	auto 8	375	3.0-liter 6 turbo	23	15	33	2.4	6.0	14.5 @ 100	129	142	52.0	42
BMW X5 xDrive50e PHEV	auto 8	483	3.0-liter 6 turbo + electric	21	14	28	1.9	4.4	13.0 @ 109	126	144	53.5	43
BMW X7 xDrive40i	auto 8	335	3.0-liter 6 turbo	22	14	32	2.6	6.5	15.0 @ 97	136	141	52.5	44
BMW Z4 sDrive 30i	auto 8	255	2.0-liter 4 turbo	29	20	40	2.7	6.1	14.6 @ 101	111	122	56.0	37
BMW i4 M50	1-spd. dir.	536	electric	96**	94**	98**	1.6	3.5	11.9 @ 119	129	140	55.5	41
BMW i5 M60	1-spd. dir.	590	electric	89**	89**	90**	1.7	3.5	11.7 @ 122	125	138	56.5	42
BMW iX xDrive50	1-spd. dir.	516	electric	86**	86**	87**	2.0	4.3	12.7 @ 114	127	138	53.5	40
Buick Encore GX Preferred	auto 9	155	1.3-liter 3 turbo	26	18	33	3.4	9.4	17.3 @ 82	126	138	54.5	38
Buick Envision Essence	auto 9	228	2.0-liter 4 turbo	23	15	33	3.1	7.5	15.9 @ 92	127	134	55.0	39
Buick Envista Preferred	auto 6	137	1.2-liter 3 turbo	29	21	39	3.3	9.0	17.0 @ 84	127	141	58.5	39
Cadillac CT4 Premium Luxury	auto 8	237	2.0-liter 4 turbo	25	16	38	2.9	7.4	15.7 @ 93	129	138	55.0	39
Cadillac CT5 Premium Luxury	auto 10	237	2.0-liter 4 turbo	24	15	36	3.0	7.7	15.9 @ 92	127	137	54.0	42
Cadillac Escalade Premium Luxury	auto 10	420	6.2-liter V8	16	10	23	2.4	6.5	15.0 @ 96	136	145	48.5	41
Cadillac Lyriq Luxury	1-spd. dir.	500	electric	89	96	81	2.5	5.1	13.4 @ 112	132	145	53.0	41
Cadillac XT4 Premium Luxury	auto 9	237	2.0-liter 4 turbo	23	16	31	3.0	7.6	15.9 @ 91	128	141	55.0	39
Cadillac XT5 Premium Luxury	auto 9	310	3.6-liter V6	20	13	30	2.7	7.1	15.6 @ 92	132	140	53.5	42
Cadillac XT6 Premium Luxury	auto 9	310	3.6-liter V6	18	12	26	3.0	7.1	15.6 @ 93	134	137	51.0	41
Chevrolet Blazer LT	auto 9	308	3.6-liter V6	19	13	27	2.7	6.4	15.0 @ 96	130	139	54.5	40
Chevrolet Blazer EV RS	1-spd. dir.	288	electric	96**	103**	88**	2.7	6.3	15.2 @ 92	139	150	53.0	41
Chevrolet Camaro SS	man 6	455	6.2-liter V8	20	13	28	2.0	4.4	12.7 @ 116	112	119	56.0	40



**ROAD-TEST HIGHLIGHTS**

Make + Model	Trans.	HP	Engine	CR's Fuel economy (mpg)			Acceleration			Braking		Performance	
				Overall	City	Highway	0-30 mph (sec.)	0-60 mph (sec.)	1/4 mi (sec. @ mph)	from 60 mph dry (ft.)	from 60 mph wet (ft.)	AM speed (mph)	Turning circle (ft.)
<b>Chevrolet Colorado LT</b>	auto 8	310	2.7-liter 4 turbo	19	13	26	2.6	6.9	15.3 @ 94	134	151	53.5	42
<b>Chevrolet Corvette 2LT</b>	seq 8	495	6.2-liter V8	19	12	29	1.5	3.4	11.8 @ 119	113	124	58.5	38
<b>Chevrolet Equinox LT</b>	auto 6	175	1.5-liter 4 turbo	25	17	34	3.7	9.6	17.5 @ 82	132	145	53.0	39
<b>Chevrolet Malibu LT</b>	CVT	163	1.5-liter 4 turbo	29	19	41	3.1	8.4	16.6 @ 86	130	149	53.0	38
<b>Chevrolet Silverado 1500 LT</b>	auto 10	355	5.3-liter V8	17	11	24	2.4	6.9	15.2 @ 94	136	148	49.5	51
<b>Chevrolet Silverado 1500 LT</b>	auto 8	305	3.0-liter 6 turbodiesel	23	16	32	3.1	7.9	16.2 @ 88	144	163	47.0	51
<b>Chevrolet Suburban Premier</b>	auto 10	355	5.3-liter V8	16	11	22	2.8	7.6	15.8 @ 92	145	150	49.0	45
<b>Chevrolet Tahoe LT</b>	auto 10	355	5.3-liter V8	17	11	24	2.9	7.8	16.0 @ 91	145	153	49.0	41
<b>Chevrolet Trailblazer LT</b>	auto 9	155	1.3-liter 3 turbo	27	19	37	3.6	9.5	17.5 @ 82	133	135	54.0	36
<b>Chevrolet Trax LT</b>	auto 6	137	1.2-liter 3 turbo	31	22	41	3.5	9.5	17.4 @ 82	131	138	55.0	37
<b>Chrysler Pacifica Touring L</b>	auto 9	260	3.6-liter V6	21	13	33	3.1	8.0	16.2 @ 90	136	141	51.0	41
<b>Chrysler Pacifica PHEV Select</b>	CVT	248	3.6-liter V6 hybrid + electric	27	21	32	3.8	8.3	16.5 @ 91	145	145	48.5	41
<b>Dodge Durango GT</b>	auto 8	290	3.6-liter V6	18	12	25	3.1	8.3	16.4 @ 87	134	150	48.0	41
<b>Dodge Hornet GT</b>	auto 9	268	2.0-liter 4 turbo	23	15	35	2.8	6.4	15.1 @ 96	132	140	55.0	39
<b>Dodge Hornet R/T Plus PHEV</b>	auto 6	285	1.3-liter 4 turbo + electric	29	21	36	2.8	6.3	14.9 @ 97	131	144	53.5	39
<b>Ford Bronco Outer Banks</b>	auto 10	315	2.7-liter V6 turbo	18	13	24	3.1	7.0	15.6 @ 93	149	168	51.5	37
<b>Ford Bronco Sport Outer Banks</b>	auto 8	181	1.5-liter 3 turbo	25	17	35	3.3	8.9	16.9 @ 85	126	135	53.5	39
<b>Ford Edge SEL</b>	auto 8	250	2.0-liter 4 turbo	22	15	31	2.9	7.7	16.0 @ 89	129	137	52.0	41
<b>Ford Escape Active</b>	auto 8	181	1.5-liter 3 turbo	26	17	37	3.3	8.9	16.9 @ 85	128	137	53.0	39
<b>Ford Escape Hybrid ST-Line Select</b>	CVT	200	2.5-liter 4 hybrid	34	30	38	3.5	8.3	16.5 @ 90	128	135	51.0	39
<b>Ford Escape PHEV</b>	CVT	221	2.5-liter 4 hybrid + electric	37	32	40	3.5	8.2	16.4 @ 91	133	150	54.5	41
<b>Ford Expedition MAX Limited</b>	auto 10	375	3.5-liter V6 turbo	16	11	23	2.7	7.3	15.7 @ 92	143	157	46.5	45
<b>Ford Explorer XLT</b>	auto 10	300	2.3-liter 4 turbo	21	14	29	3.1	7.4	16.0 @ 89	136	139	51.5	40
<b>Ford F-150 XLT</b>	auto 10	325	2.7-liter V6 turbo	19	13	26	2.9	6.7	15.2 @ 96	143	148	47.5	49
<b>Ford F-150 Hybrid Lariat</b>	auto 10	430	3.5-liter V6 turbo + hybrid	20	15	24	2.6	6.3	14.7 @ 100	141	143	48.0	49
<b>Ford F-150 Lightning Lariat</b>	1-spd. dir.	580	electric	70**	78**	63**	1.9	4.3	13.0 @ 104	144	153	49.0	50
<b>Ford Maverick XLT</b>	auto 8	250	2.0-liter 4 turbo	23	16	32	2.8	7.1	15.4 @ 94	127	139	52.5	41
<b>Ford Maverick Hybrid Lariat</b>	CVT	191	2.5-liter 4 hybrid	37	33	39	3.4	8.3	16.5 @ 89	129	145	51.5	41
<b>Ford Mustang Mach-E Prem.</b>	1-spd. dir.	290	electric	92**	97**	85**	2.3	5.3	13.9 @ 101	136	142	52.0	39
<b>Ford Mustang GT</b>	man 6	480	5.0-liter V8	20	13	30	2.2	4.6	12.9 @ 114	129	144	56.0	39
<b>GMC Canyon Elevation</b>	auto 8	310	2.7-liter 4 turbo	19	13	26	2.6	6.9	15.3 @ 94	134	151	53.5	42
<b>GMC Sierra 1500 SLE</b>	auto 8	355	5.3-liter V8	17	11	24	2.4	6.9	15.2 @ 94	136	148	49.5	51
<b>GMC Sierra 1500 SLT</b>	auto 10	305	3.0-liter 6 turbodiesel	23	16	32	3.1	7.9	16.2 @ 88	144	163	47.0	51
<b>GMC Yukon SLT</b>	auto 10	355	5.3-liter V8	17	11	24	2.9	7.8	16.0 @ 91	145	153	49.0	41
<b>GMC Yukon XL SLT</b>	auto 10	355	5.3-liter V8	16	11	22	2.8	7.6	15.8 @ 92	145	150	49.0	45
<b>Genesis Electrified GV70 Adv.</b>	1-spd. dir.	429	electric	91**	98**	83**	2.0	4.5	13.1 @ 109	133	147	53.0	39
<b>Genesis G70 Sport Prestige</b>	auto 8	300	2.5-liter 4 turbo	23	15	32	3.3	7.8	16.1 @ 91	137	146	56.5	38
<b>Genesis G80 Advanced</b>	auto 8	300	2.5-liter 4 turbo	24	16	34	2.9	6.8	15.2 @ 98	128	134	55.5	40
<b>Genesis GV60 Advanced</b>	1-spd. dir.	314	electric	99**	110**	88**	2.1	5.1	13.9 @ 101	131	144	54.5	41
<b>Genesis GV70 Advanced</b>	auto 8	300	2.5-liter 4 turbo	24	16	34	3.2	7.5	15.8 @ 95	135	143	54.5	39
<b>Genesis GV80 Advanced</b>	auto 8	375	3.5-liter V6 turbo	18	12	25	2.4	6.0	14.5 @ 100	129	139	51.5	41



**ROAD-TEST HIGHLIGHTS**

Make + Model	Trans.	HP	Engine	CR's Fuel economy (mpg)			Acceleration			Braking		Performance	
				Overall	City	Highway	0-30 mph (sec.)	0-60 mph (sec.)	1/4 mi (sec. @ mph)	from 60 mph dry (ft.)	from 60 mph wet (ft.)	AM speed (mph)	Turning circle (ft.)
Honda Accord EX	CVT	192	1.5-liter 4 turbo	32	21	46	3.4	8.0	16.3 @ 91	133	147	55.5	39
Honda Accord Hybrid Sport	CVT	204	2.0-liter 4 hybrid	40	34	45	3.1	8.0	16.4 @ 87	128	137	56.5	39
Honda CR-V EX	CVT	190	1.5-liter 4 turbo	26	19	33	3.7	8.8	17.0 @ 86	129	145	54.0	39
Honda CR-V Hybrid Sport	CVT	204	2.0-liter 4 hybrid	35	31	38	3.3	8.4	16.7 @ 84	133	147	54.5	39
Honda Civic Si	man 6	200	1.5-liter 4 turbo	32	21	44	3.0	7.3	15.4 @ 95	134	147	57.5	40
Honda Civic Sport	CVT	158	2.0-liter 4	33	23	44	4.1	9.7	17.6 @ 86	129	137	56.5	40
Honda HR-V Sport	CVT	158	2.0-liter 4	27	19	37	4.7	11.1	18.6 @ 81	130	148	54.0	39
Honda Odyssey EX-L	auto 10	280	3.5-liter V6	22	14	33	3.4	8.1	16.4 @ 89	136	152	50.0	41
Honda Passport EX-L	auto 9	280	3.5-liter V6	21	14	28	2.5	6.4	15.0 @ 95	135	143	53.5	40
Honda Pilot Touring	auto 10	285	3.5-liter V6	21	14	29	3.0	7.7	16.1 @ 90	129	140	51.5	39
Honda Ridgeline RTL	auto 9	280	3.5-liter V6	20	13	29	3.0	7.3	15.8 @ 90	134	142	53.5	46
Hyundai Elantra SEL	CVT	147	2.0-liter 4	33	21	49	3.3	7.9	16.2 @ 90	128	139	55.5	37
Hyundai Elantra Hybrid Blue	seq 6	139	1.6-liter 4 hybrid	48	40	55	3.2	8.7	16.8 @ 85	127	131	54.0	37
Hyundai Kona SEL	CVT	147	2.0-liter 4	26	18	36	3.8	9.8	17.6 @ 82	127	141	54.5	36
Hyundai Kona Electric SEL	1-spd. dir.	201	electric	116**	103**	129**	3.3	7.2	15.7 @ 94	123	139	52.5	36
Hyundai Ioniq 5 SEL	1-spd. dir.	320	electric	98**	110**	97**	1.9	4.7	13.5 @ 102	131	144	53.0	41
Hyundai Ioniq 6 SEL	1-spd. dir.	320	electric	103**	111**	94**	1.8	4.6	13.3 @ 104	130	145	55.5	40
Hyundai Palisade SEL	auto 8	291	3.8-liter V6	21	15	29	2.6	7.1	15.4 @ 94	132	137	52.5	40
Hyundai Santa Cruz SEL Premium	seq 8	281	2.5-liter 4 turbo	24	16	34	2.6	6.6	15.0 @ 98	132	149	51.5	41
Hyundai Santa Fe SEL	seq 8	277	2.5-liter 4 turbo	24	15	36	2.7	6.7	15.2 @ 97	131	142	50.0	39
Hyundai Santa Fe Hybrid SEL	auto 6	231	1.6-liter 4 turbo/hyb	34	29	38	3.0	7.9	16.1 @ 90	129	141	51.5	39
Hyundai Sonata SEL	auto 8	191	2.5-liter 4	31	20	46	2.9	7.5	15.8 @ 93	127	138	56.0	37
Hyundai Sonata Hybrid SE	auto 6	193	2.0-liter 4 hybrid	44	36	51	3.0	8.0	16.1 @ 90	135	142	54.0	37
Hyundai Tucson SEL	auto 8	187	2.5-liter 4	26	18	35	3.3	9.6	17.2 @ 84	130	131	53.0	40
Hyundai Tucson Hybrid SEL	auto 6	226	1.6-liter 4 turbo/hyb	35	29	40	2.9	7.7	15.9 @ 90	132	135	53.0	40
Hyundai Tucson PHEV SEL	auto 6	261	1.6-liter 4 turbo + electric	31	27	34	2.7	7.4	15.6 @ 93	130	146	55.0	40
Hyundai Venue SEL	CVT	121	1.6-liter 4	32	23	41	3.4	8.9	17.0 @ 83	125	138	55.5	34
Infiniti Q50 Luxe	auto 7	300	3.0-liter V6 turbo	22	14	32	2.4	5.7	14.2 @ 103	126	131	56.0	39
Infiniti QX50 Luxe	CVT	268	2.0-liter 4 turbo	22	15	29	3.1	7.2	15.6 @ 94	129	130	55.5	38
Infiniti QX60 Luxe	auto 9	295	3.5-liter V6	21	14	28	2.6	6.7	15.2 @ 93	138	150	52.5	40
Jaguar E-Pace SE	auto 9	246	2.0-liter 4 turbo	21	15	29	3.1	7.9	16.3 @ 87	129	131	54.0	39
Jaguar F-Pace R-Dynamic S	auto 8	395	3.0-liter 6 turbo	20	14	27	2.4	6.0	14.4 @ 100	129	139	50.5	41
Jaguar I-Pace HSE	1-spd. dir.	394	electric	85**	82**	89**	2.0	4.3	13.0 @ 108	136	142	52.0	40
Jeep Gladiator Sport	auto 8	285	3.6-liter V6	18	13	23	2.8	7.8	16.1 @ 88	135	144	49.5	46
Jeep Grand Cherokee 4xe PHEV	auto 8	375	2.0-liter 4 turbo + electric	21	15	27	2.6	6.1	14.6 @ 101	142	157	51.0	40
Jeep Grand Cherokee Limited	auto 8	293	3.6-liter V6	20	14	28	2.6	7.8	16.0 @ 87	138	145	51.5	40
Jeep Grand Cherokee L Limited	auto 8	290	3.6-liter V6	19	13	28	3.0	8.8	16.7 @ 85	141	150	50.5	40
Jeep Wagoneer Series II	auto 8	420	3.0-liter 6 turbo	18	11	26	2.4	6.0	14.6 @ 98	146	165	49.0	40
Jeep Wrangler Sahara	auto 8	285	3.6-liter V6	18	13	24	2.7	7.3	15.6 @ 90	144	163	49.0	42
Kia Carnival EX	auto 8	290	3.5-liter V6	21	13	32	3.4	8.4	16.5 @ 90	129	134	52.0	39
Kia EV6 Wind	1-spd. dir.	320	electric	109**	120**	98**	1.8	4.7	13.4 @ 102	126	136	54.5	40
Kia EV9 Wind	1-spd. dir.	370	electric	83**	91**	75**	2.1	5.3	14.0 @ 101	126	137	50.5	42
Kia Niro EX	seq 6	139	1.6-liter 4 hybrid	45	41	48	3.3	8.9	16.9 @ 84	133	144	55.0	37



**ROAD-TEST HIGHLIGHTS**

Make + Model	Trans.	HP	Engine	CR's Fuel economy (mpg)			Acceleration			Braking		Performance	
				Overall	City	Highway	0-30 mph (sec.)	0-60 mph (sec.)	1/4 mi (sec. @ mph)	from 60 mph dry (ft.)	from 60 mph wet (ft.)	AM speed (mph)	Turning circle (ft.)
Kia Niro PHEV EX	seq 6	180	1.6-liter 4 hyb/elec	47	38	54	2.9	7.4	15.8 @ 91	136	152	54.0	36
Kia Niro EV Wind	1-spd. dir.	201	electric	113**	126**	101**	3.2	7.1	15.6 @ 93	128	143	56.5	36
Kia Seltos S	CVT	146	2.0-liter 4	28	20	35	3.6	9.0	17.1 @ 84	128	133	55.0	36
Kia Sorento EX	seq 8	281	2.5-liter 4 turbo	25	17	34	2.6	6.5	14.9 @ 99	133	143	52.5	39
Kia Sorento Hybrid EX	auto 6	227	1.6-liter 4 turbo/hyb	28	22	34	3.0	8.1	16.3 @ 88	132	148	53.0	39
Kia Soul EX	CVT	147	2.0-liter 4	28	21	35	3.5	8.8	16.9 @ 84	120	130	55.0	36
Kia Sportage EX	auto 8	187	2.5-liter 4	25	17	34	3.5	10.0	17.5 @ 83	134	151	55.5	40
Kia Sportage Hybrid EX	auto 6	227	1.6-liter 4 turbo/hyb	36	31	39	2.9	7.7	15.9 @ 91	139	156	52.0	40
Kia Sportage PHEV X-Line	auto 6	261	1.6-liter 4 turbo + electric	31	27	34	2.7	7.4	15.6 @ 93	130	146	55.0	40
Kia Telluride EX	auto 8	291	3.8-liter V6	21	14	30	2.7	7.2	15.5 @ 93	127	133	53.5	40
Land Rover Defender SE	auto 8	395	3.0-liter 6 turbo	18	12	26	3.0	6.9	15.3 @ 96	147	150	49.0	43
Land Rover Discovery R-Dynamic HSE	auto 8	355	3.0-liter 6 turbo	17	12	24	2.9	7.3	15.6 @ 93	138	148	47.5	42
Land Rover Discovery Sport SE	auto 9	246	2.0-liter 4 turbo	21	15	28	3.6	8.6	16.9 @ 87	136	145	50.5	39
Land Rover Range Rover Evoque S	auto 9	246	2.0-liter 4 turbo	20	13	29	3.2	8.3	16.6 @ 86	126	129	49.5	39
Land Rover Range Rover Sport SE	auto 8	355	3.0-liter 6 turbo	20	13	31	2.8	7.2	15.4 @ 96	133	145	50.5	42
Land Rover Range Rover Velar S	auto 8	247	2.0-liter 4 turbo	21	14	30	3.0	8.4	16.5 @ 88	130	134	51.5	39
Lexus ES350	auto 8	302	3.5-liter V6	25	16	38	3.0	6.9	15.4 @ 97	132	139	53.0	40
Lexus ES300h	CVT	215	2.5-liter 4 hybrid	42	32	52	3.5	8.3	16.5 @ 90	135	139	53.0	40
Lexus IS300	auto 6	260	3.5-liter V6	22	15	31	2.6	6.1	14.7 @ 98	129	141	55.0	37
Lexus LS500	auto 10	416	3.4-liter V6 turbo	20	12	32	2.4	6.0	14.4 @ 103	136	139	51.5	41
Lexus NX350	auto 8	275	2.4-liter 4 turbo	25	17	35	3.0	7.2	15.5 @ 96	127	138	53.5	38
Lexus NX350h	CVT	240	2.5-liter 4 hybrid	38	37	39	2.8	7.6	15.9 @ 90	138	152	53.0	38
Lexus NX450h+	CVT	304	2.5-liter 4 hybrid + electric	35	29	39	2.5	6.1	14.7 @ 98	132	142	51.0	38
Lexus RX350 Premium+	auto 8	275	2.4-liter 4 turbo	24	16	34	3.1	7.5	15.8 @ 93	132	145	51.5	41
Lexus RX350h Premium+	CVT	246	2.5-liter 4 hybrid	34	29	38	2.8	7.8	16.0 @ 89	137	149	52.5	41
Lexus RX450h+	CVT	304	2.5-liter 4 hybrid + electric	34	27	39	2.6	6.4	14.9 @ 96	135	143	51.0	41
Lexus RZ Premium	1-spd. dir.	308	electric	107**	115**	98**	2.0	4.9	13.7 @ 101	138	158	51.0	39
Lexus TX350	auto 8	375	2.4-liter 4 turbo	21	14	29	3.2	8.1	16.2 @ 90	135	141	50.5	40
Lexus TX500h F Sport	auto 8	366	2.4-liter 4 hybrid	24	18	30	2.5	6.3	14.9 @ 95	137	143	51.0	38
Lexus UX250h	CVT	181	2.0-liter 4 hybrid	37	32	42	3.4	8.8	16.8 @ 86	137	143	54.0	35
Lincoln Aviator Reserve	auto 10	400	3.0-liter V6 turbo	19	12	28	2.5	6.2	14.8 @ 98	138	145	52.0	41
Lincoln Corsair Reserve	auto 8	250	2.0-liter 4 turbo	23	15	33	2.8	7.2	15.7 @ 90	128	139	54.5	38
Lincoln Navigator Reserve	auto 10	440	3.5-liter V6 turbo	16	11	22	2.4	6.2	14.7 @ 98	144	162	47.0	42
Lucid Air Touring	1-spd. dir.	620	electric	121**	121**	120**	1.6	3.5	11.6 @ 125	120	131	57.5	41
Maserati Grecale GT	auto 8	296	2.0-liter 4 turbo	24	17	32	2.5	6.2	14.7 @ 100	129	137	54.5	42
Mazda3 Select	auto 6	191	2.5-liter 4	30	20	44	3.0	7.7	16.1 @ 91	125	134	54.0	37
Mazda CX-30 Preferred	auto 6	186	2.5-liter 4	27	18	37	3.2	8.7	16.7 @ 88	133	147	54.0	37
Mazda CX-5 Preferred	auto 6	187	2.5-liter 4	24	17	33	3.1	8.6	16.6 @ 85	133	144	54.0	37
Mazda CX-50 Premium Plus	auto 6	187	2.5-liter 4	24	16	33	3.4	9.3	17.2 @ 84	131	142	53.0	38
Mazda CX-70 Premium	auto 8	280	3.3-liter 6 turbo	24	16	33	2.9	7.2	15.6 @ 94	128	141	53.0	40
Mazda CX-90 Preferred Plus	auto 8	280	3.3-liter 6 turbo	24	16	33	2.9	7.2	15.6 @ 94	128	141	53.0	40



**ROAD-TEST HIGHLIGHTS**

Make + Model	Trans.	HP	Engine	CR's Fuel economy (mpg)			Acceleration			Braking		Performance	
				Overall	City	Highway	0-30 mph (sec.)	0-60 mph (sec.)	1/4 mi (sec. @ mph)	from 60 mph dry (ft.)	from 60 mph wet (ft.)	AM speed (mph)	Turning circle (ft.)
Mazda CX-90 PHEV Premium	auto 8	323	2.5-liter 4 turbo + electric	23	16	32	2.8	6.8	15.3 @ 96	130	149	54.5	40
Mazda MX-5 Miata Club	man 6	181	2.0-liter 4	34	25	42	2.2	6.7	15.1 @ 92	124	133	57.5	32
Mercedes-Benz C300 Prem.	auto 9	255	2.0-liter 4 turbo	29	18	43	2.8	6.7	15.2 @ 96	141	152	53.0	39
Mercedes-Benz CLA250	seq 7	221	2.0-liter 4 turbo	27	17	42	2.7	6.6	15.1 @ 96	131	143	56.0	36
Mercedes-Benz E350 Pinnacle	auto 9	255	2.0-liter 4 turbo	28	18	42	2.5	6.7	15.1 @ 95	124	137	53.5	41
Mercedes-Benz EQE350	1-spd. dir.	288	electric	86**	86**	86**	1.8	5.5	14.2 @ 97	121	136	53.5	43
Mercedes-Benz EQE350 SUV Exclusive	1-spd. dir.	288	electric	81**	82**	79**	2.0	5.9	14.5 @ 95	124	141	51.5	42
Mercedes-Benz EQS580 Prem.	1-spd. dir.	516	electric	94**	91**	98**	1.8	4.0	12.4 @ 114	133	148	55.5	37
Mercedes-Benz EQS450 SUV Premium	1-spd. dir.	355	electric	78**	79**	77**	2.2	5.6	14.3 @ 98	126	146	53.0	38
Mercedes-Benz GLA250	seq 8	221	2.0-liter 4 turbo	27	17	40	2.7	6.8	15.3 @ 93	133	135	54.0	39
Mercedes-Benz GLB250	seq 8	221	2.0-liter 4 turbo	26	17	38	2.7	6.8	15.4 @ 93	125	135	54.5	38
Mercedes-Benz GLC300	auto 9	255	2.0-liter 4 turbo	26	17	37	2.6	6.6	15.1 @ 94	127	142	51.0	40
Mercedes-Benz GLE450	auto 9	362	3.0-liter 6 turbo	20	13	29	2.3	6.0	14.4 @ 100	132	138	51.5	39
Mercedes-Benz GLS450	auto 9	375	3.0-liter 6 turbo	20	13	30	2.4	6.4	14.8 @ 97	133	143	50.5	39
Mitsubishi Eclipse Cross SE	CVT	152	1.5-liter 4 turbo	24	17	31	3.6	9.9	17.6 @ 80	132	134	52.5	36
Mitsubishi Mirage ES	CVT	78	1.2-liter 3	37	28	47	4.4	12.1	19.0 @ 75	138	145	52.5	32
Mitsubishi Outlander SE	CVT	181	2.5-liter 4	25	17	34	3.7	9.8	17.5 @ 83	133	136	51.0	38
Mitsubishi Outlander PHEV SE	1-spd. dir.	248	2.4-liter 4 hyb/elec	25	24	25	3.0	7.2	16.3 @ 81	135	148	51.5	38
Nissan Altima SV	CVT	188	2.5-liter 4	31	20	45	3.1	7.6	15.9 @ 92	131	140	53.5	38
Nissan Ariya Platinum+	1-spd. dir.	389	electric	87**	89**	84**	2.6	5.4	13.8 @ 108	130	139	52.0	37
Nissan Armada Platinum	auto 7	400	5.6-liter V8	14	10	20	2.7	6.7	15.3 @ 95	133	147	50.5	43
Nissan Frontier SV	auto 9	310	3.8-liter V6	18	12	24	3.0	7.5	15.8 @ 92	128	136	52.0	44
Nissan Leaf SV Plus	1-spd. dir.	214	electric	109**	121**	98**	3.2	7.0	15.7 @ 92	139	142	52.5	37
Nissan Murano SL	CVT	260	3.5-liter V6	21	14	29	3.4	7.7	16.0 @ 92	131	137	50.5	40
Nissan Pathfinder SL	auto 9	284	3.5-liter V6	21	14	30	3.0	7.6	16.0 @ 90	138	142	52.5	40
Nissan Rogue SV	CVT	201	1.5-liter 3 turbo	25	17	34	3.5	9.1	17.0 @ 87	134	147	56.0	37
Nissan Sentra SV	CVT	149	2.0-liter 4	32	22	44	3.5	8.5	16.7 @ 87	129	138	55.5	39
Nissan Titan SV	auto 9	400	5.6-liter V8	16	11	22	2.8	6.7	15.3 @ 95	131	143	49.5	50
Nissan Versa SV	CVT	122	1.6-liter 4	32	22	45	3.7	9.6	17.5 @ 81	130	143	52.5	36
Nissan Z Performance	man 6	400	3.0-liter V6 turbo	24	18	32	2.2	5.1	13.5 @ 113	121	135	56.5	37
Polestar 2 Long Range	1-spd. dir.	421	electric	106**	112**	100**	2.0	4.4	13.1 @ 108	123	127	55.5	39
Porsche 718 Boxster Base	seq 7	300	2.0-liter 4 turbo	26	18	36	1.7	4.4	13.0 @ 110	108	119	59.0	37
Porsche Cayenne Base	auto 8	348	3.0-liter V6 turbo	21	15	29	2.8	6.5	14.9 @ 100	131	140	49.5	41
Porsche Macan S	seq 7	375	2.9-liter V6 turbo	19	13	26	2.7	6.4	14.7 @ 101	130	135	51.0	40
Porsche Taycan 4S	1-spd. dir.	562	electric	79**	79**	81**	1.8	4.0	12.5 @ 115	130	139	52.5	36
Rivian R1S Adventure	1-spd. dir.	835	electric	71**	75**	66**	1.6	3.5	12.1 @ 111	132	144	50.5	43
Rivian R1T Adventure	1-spd. dir.	835	electric	73**	76**	69**	1.8	3.8	12.2 @ 111	135	149	52.5	47
Subaru Ascent Limited	CVT	260	2.4-liter 4 turbo	22	14	32	3.3	8.0	16.4 @ 88	129	136	52.0	40
Subaru BRZ Limited	man 6	228	2.4-liter 4	27	21	33	2.4	6.3	14.6 @ 99	117	123	60.0	36
Subaru Crosstrek Premium	CVT	152	2.0-liter 4	29	20	41	4.2	10.1	17.8 @ 83	128	138	56.5	37
Subaru Impreza Sport	CVT	152	2.0-liter 4	29	19	42	3.8	9.4	17.3 @ 84	129	149	56.0	37
Subaru Legacy Premium	CVT	182	2.5-liter 4	28	19	39	3.4	8.9	16.9 @ 86	131	141	54.5	39
Subaru Outback Limited XT	CVT	260	2.4-liter 4 turbo	24	16	32	3.0	7.1	15.5 @ 95	132	143	54.0	38



**ROAD-TEST HIGHLIGHTS**

Make + Model	Trans.	HP	Engine	CR's Fuel economy (mpg)			Acceleration			Braking		Performance	
				Overall	City	Highway	0-30 mph (sec.)	0-60 mph (sec.)	1/4 mi (sec. @ mph)	from 60 mph dry (ft.)	from 60 mph wet (ft.)	AM speed (mph)	Turning circle (ft.)
Subaru Solterra Limited	1-spd. dir.	215	electric	102**	93**	111**	2.4	6.4	15.0 @ 93	135	145	53.0	38
Subaru WRX Premium	man 6	271	2.4-liter 4 turbo	25	18	33	1.8	5.8	14.1 @ 101	124	130	59.0	38
Tesla Model 3 Long Range	1-spd. dir.	394	electric	130**	137**	124**	2.0	4.3	12.7 @ 113	123	139	55.5	40
Tesla Model S Long Range	1-spd. dir.	670	electric	120**	124**	115**	1.6	3.2	11.1 @ 130	125	135	58.0	40
Tesla Model X Long Range	1-spd. dir.	670	electric	102**	107**	97**	2.2	4.9	13.4 @ 106	127	135	53.5	42
Tesla Model Y Long Range	1-spd. dir.	384	electric	122**	127**	117**	2.3	4.7	13.1 @ 113	121	127	54.5	41
Toyota Corolla LE	CVT	169	2.0-liter 4	36	24	51	3.4	8.7	16.8 @ 87	134	143	53.0	37
Toyota Corolla Hybrid LE	CVT	138	1.8-liter 4 hybrid	48	37	59	3.7	10.3	17.8 @ 81	142	148	53.0	37
Toyota Corolla Hatchback SE	CVT	168	2.0-liter 4	36	24	51	3.4	8.7	16.8 @ 87	129	133	53.5	39
Toyota Corolla Cross LE	CVT	169	2.0-liter 4	28	21	35	3.6	9.3	17.2 @ 85	128	140	58.0	37
Toyota Corolla Cross Hybrid SE	CVT	196	2.0-liter 4 hybrid	41	34	47	2.9	7.7	15.9 @ 90	126	137	54.5	37
Toyota Crown Limited	CVT	236	2.5-liter 4 hybrid	42	33	49	2.9	8.0	16.2 @ 90	134	146	53.0	41
Toyota GR86 Premium	man 6	228	2.4-liter 4	28	21	36	2.3	6.3	14.6 @ 98	119	127	59.0	36
Toyota Grand Highlander XLE	auto 8	265	2.4-liter 4 turbo	22	14	32	3.2	8.0	16.2 @ 91	134	145	49.0	40
Toyota Highlander XLE	auto 8	265	2.4-liter 4 turbo	22	14	33	3.1	7.7	16.0 @ 92	133	143	52.0	39
Toyota Highlander Hybrid XLE	CVT	243	2.5-liter 4 hybrid	35	27	41	2.9	8.0	16.2 @ 88	141	153	49.5	39
Toyota Prius XLE (AWD)	CVT	196	2.0-liter 4 hybrid	51	40	59	2.9	7.7	15.9 @ 92	131	148	53.5	37
Toyota Prius Prime XSE PHEV	CVT	220	2.0-liter 4 hyb/elec	43	36	48	3.1	6.9	15.5 @ 94	133	151	56.0	37
Toyota RAV4 XLE	auto 8	203	2.5-liter 4	27	19	38	3.1	8.3	16.5 @ 88	131	140	54.0	37
Toyota RAV4 Hybrid XLE	CVT	219	2.5-liter 4 hybrid	37	32	41	2.9	7.8	16.0 @ 91	139	145	52.0	37
Toyota RAV4 Prime XSE PHEV	CVT	302	2.5-liter 4 hyb/elec	34	29	39	2.4	6.3	14.8 @ 97	142	155	51.0	39
Toyota Sequoia Limited	auto 10	437	3.4-liter V6 turbo + hybrid	18	12	23	2.9	6.8	15.3 @ 96	145	160	44.5	42
Toyota Sienna XLE	CVT	245	2.5-liter 4 hybrid	36	28	43	3.2	8.2	16.4 @ 89	148	155	50.0	40
Toyota Supra Premium	auto 8	382	3.0-liter 6 turbo	27	18	36	2.0	4.6	13.0 @ 112	115	138	56.0	35
Toyota Tacoma SR5	auto 8	278	2.4-liter 4 turbo	20	14	27	2.9	7.5	15.8 @ 92	136	154	48.5	42
Toyota Tundra SR5	auto 10	389	3.4-liter V6 turbo	17	12	23	2.4	6.3	14.8 @ 98	140	150	48.0	50
Toyota Venza XLE	CVT	219	2.5-liter 4 hybrid	37	31	42	2.9	7.8	16.0 @ 91	137	147	51.0	39
Toyota bZ4X Limited	1-spd. dir.	214	electric	102**	93**	111**	2.4	6.4	15.0 @ 93	135	145	53.0	38
Volkswagen Atlas SE Tech	auto 8	269	2.0-liter 4 turbo	20	13	29	3.2	7.7	16.0 @ 92	124	134	53.0	43
Volkswagen Atlas Cross Sport SE Tech	auto 8	269	2.0-liter 4 turbo	20	13	29	3.2	7.7	16.0 @ 92	131	134	52.0	40
Volkswagen Golf GTI SE	man 6	241	2.0-liter 4 turbo	28	19	39	2.8	6.4	14.9 @ 100	127	141	56.0	37
Volkswagen ID.4 Pro S	1-spd. dir.	295	electric	95**	100**	90**	2.5	5.8	14.5 @ 98	134	138	52.5	38
Volkswagen Jetta SE	auto 8	158	1.5-liter 4 turbo	34	21	54	3.6	9.0	17.0 @ 87	135	138	52.0	38
Volkswagen Taos SE	seq 7	158	1.5-liter 4 turbo	26	17	39	3.7	9.4	17.3 @ 84	130	134	53.0	39
Volkswagen Tiguan SE	auto 8	184	2.0-liter 4 turbo	25	16	35	4.1	10.3	17.9 @ 83	131	135	52.0	39
Volvo C40 Ultimate	1-spd. dir.	402	electric	99	106	91	2.0	4.4	13.1 @ 106	126	139	52.5	39
Volvo S60 Plus	auto 8	247	2.0-liter 4 turbo	26	17	39	3.0	7.3	15.5 @ 95	125	139	53.5	38
Volvo S90 Plus	auto 8	295	2.0-liter 4 turbo	23	14	35	2.9	7.2	15.4 @ 98	130	142	52.5	39
Volvo XC40 Plus	auto 8	247	2.0-liter 4 turbo	24	16	33	2.9	7.3	15.6 @ 94	132	135	54.0	38
Volvo XC60 Plus	auto 8	295	2.0-liter 4 turbo	23	15	32	3.0	8.0	16.2 @ 90	124	129	52.0	39
Volvo XC60 PHEV Plus	auto 8	455	2.0-liter 4 turbo + electric	28	21	34	1.9	4.8	13.4 @ 107	129	144	51.5	38
Volvo XC90 Plus	auto 8	295	2.0-liter 4 turbo	20	14	28	3.1	7.7	15.9 @ 93	126	137	52.5	41



## Best and Worst Used Cars

Need new wheels but have a tight budget? Buying used is a way to get the biggest bang for your buck. It's simple math: After one year, a new car has depreciated by 27 percent of its sticker price, on average. After three years, it's worth just about half its original sticker price.

But picking out a good used car from a sea of bad ones has never been easy. You want one that's reliable, reasonably priced, and equipped with modern safety features. Add in the desire to avoid a car that has been damaged in an accident and the

process can feel overwhelming.

It doesn't have to be. We've created this guide to help you find the hatchbacks, sedans, pickups, minivans, sports cars, and SUVs that are most likely to fulfill your needs without soaking you in repair bills.

Each model performed well in our road tests when it was new and had above-average reliability for the model years shown. In addition, each comes with electronic stability control as standard equipment.

Of course, there's always a lemon

in the bunch. We also included lists of used cars that proved to be particularly troublesome—and that you should avoid considering.

Even for the used cars that we recommend, there can be stinkers because of a bad day at the factory or a former owner who didn't care much for car maintenance and neglected the vehicle. Because of this, make sure to pay for a thorough inspection by a certified mechanic before you sign on the dotted line so there are no surprises down the road.

**\$5,000-  
\$10,000**

### SMALL CAR

**Mazda3 2014**

The Mazda3 combined real sportiness with the best gas mileage—33 mpg overall—of any conventional compact car of its time. Higher trims have a modern infotainment system with a large touchscreen, heated leatherette seats, and active safety features such as forward collision warning (FCW) and blind spot warning (BSW). Both sedan and hatchback versions are available.



Mazda3



Honda Accord

**\$10,000-\$15,000**

### SMALL CARS

**Ford C-Max 2015-16**

**Honda Fit 2016-18**

Based on the Ford Focus, the C-Max is practical and nicely finished, and the hybrid returned 37 mpg overall in our tests. The Fit has massive interior space for a small car, and its 33 mpg overall is very good.

### MIDSIZED & LARGE CARS

**Honda Accord 2015-16**

**Mazda6 2015-17**

The Accord is a roomy and comfortable sedan that got 30 mpg overall in our tests with the four-cylinder engine; the

V6 got 26. The Mazda6 is one of the sportiest midsize sedans. Its quick steering contributes to its agility, and we got a class-leading 32 mpg overall from the 2017 model.

### SMALL SUVs

**BMW X3 2016**

**Mazda CX-5 2016**

The BMW X3 melds driving fun, luxury car attributes, and the utility of an SUV. Athletic handling and eager power make the X3 enjoyable to drive. Cabin finish is very good and passengers benefit from supportive seats and a

quiet interior. The AWD 28i we tested got 23 mpg overall. The Mazda CX-5 small SUV has taut, agile handling and well-weighted steering, although the ride is choppy and the cabin gets loud. Look for a version with the 2.5-liter engine, which gets 25 mpg.

### WAGON

**Toyota Venza 2014-15**

Part wagon, part SUV, the Venza has a quiet interior, a roomy rear seat, and a generous cargo area. Handling is secure though not sporty.



**BEST AND WORST USED CARS**



Toyota Tacoma

**\$15,000-\$20,000**

**SMALL CAR**

**Toyota Prius V 2016-17**

The Prius V offers a roomy rear seat and generous cargo area, along with an excellent 41 mpg overall.

**MIDSIZED CAR**

**Toyota Camry Hybrid 2016-17**

The Camry Hybrid delivered an impressive 38 mpg overall in our tests and has a quiet interior, a comfortable ride, and easy-to-use controls.

**LUXURY CAR**

**Acura TLX 2016**

The TLX has a quiet cabin, came nicely equipped, and was available with a manual gear-box in V6 models. We got 27 mpg overall with the four-cylinder. It gives a luxury experience is a reliable package.

**MINIVAN**

**Toyota Sienna 2016**

The Sienna delivers a comfortable ride and a flexible interior, and the FWD version gets 20 mpg overall; the AWD version gets 19 mpg.

**SMALL SUVs**

**Honda HR-V 2017-19**

**Kia Sportage 2020**

The HR-V provides great fuel economy at 29 mpg overall, and its flexible seating and

cargo spaces carry family, gear, or both. The Sportage is a competitive small SUV that is quieter than the HR-V and has somewhat sporty handling. While it has plenty of power, its 23 mpg is just midpack.

**MIDSIZED SUV**

**Toyota Highlander 2014-16**

The three-row Highlander scores high for its refinement, quiet interior, ride comfort, and fuel economy of 20 mpg overall.

**PICKUP**

**Toyota Tacoma 2014-16**

The Tacoma is a rough and utilitarian pickup truck but it is also extremely reliable.

**\$20,000-\$25,000**

**SMALL CAR**

**Mazda3 2022**

**Toyota Corolla Hybrid 2022-23**

Mazda's compact car is the sportier choice, but it also has an elegant and quiet interior, along with a refined ride. The Corolla Hybrid returned an impressive 48 mpg overall. Ride comfort is commendable, and FCW and AEB are standard.

**LARGE CAR**

**Toyota Avalon Hybrid 2018**

The Avalon is stylish and engaging to drive. The hybrid version got a terrific 36 mpg overall. Multiple active safety systems were available.

**SPORTY CAR/CONVERTIBLE**

**Mazda MX-5 Miata 2019-21**

This roadster feels light and quick, is frugal with fuel, and is fun to drive at slow and fast speeds. It gets loud and has a stiff ride but will put a smile on your face when you drive it on curvy roads.

**SMALL SUV**

**Buick Envision 2019-20**

**Subaru Crosstrek 2019-21**

The Envision is a semi-luxury, handily sized SUV with plenty of standard equipment.

The Crosstrek is quiet, has a smooth ride, and got 29 mpg overall in our tests.

**MIDSIZED SUVs**

**Lexus RX Hybrid 2015-16**

**Toyota 4Runner 2014-15**

The RX is a relaxed cruiser and delivers an almost headache-free ownership experience. It also offers a quiet and plush cabin. In our

tests, the redesigned 2016 hybrid got 29 mpg, which is very impressive for an SUV. The 4Runner is an off-road champ with a well-finished interior, a smooth V6, and an available third-row seat.



Subaru Crosstrek



**BEST AND WORST USED CARS**

**\$25,000-\$30,000**

**SMALL CAR**

**Toyota Prius Prime 2021-22**

This plug-in Prius can usually drive about 23 miles on electricity only. When not running in EV mode, the Prime gets 50 mpg overall.

**MIDSIZED AND LUXURY CARS**

**Honda Accord Hybrid 2022**

**Toyota Camry 2022-23**

**Lexus ES 2019**

The Accord hybrid returned 47 mpg in our tests, yet it's also one of the quickest cars in the class. The Camry has agile handling and a smooth and comfortable ride. We got 32 mpg with the four-cylinder. The ES has a quiet and plush interior, gets a good 25 mpg overall from its V6, and is very reliable.

**SMALL SUVs**

**Honda CR-V 2021-22**

**Lexus NX 2019-20**

**Toyota RAV4 Hybrid 2019**

The popular CR-V with the 1.5 turbo gets a good 28 mpg overall, has a roomy interior, and has standard FCW and AEB. The very reliable NX returns good

fuel economy, and FCW and AEB are standard. The RAV4 Hybrid got a terrific 37 mpg overall in our tests and is more pleasant to drive than the regular version.

**MIDSIZED SUVs**

**Lexus GX 2016**

**Mazda CX-9 2022**

The GX balances off-road prowess with a comfortable ride and a plush, luxurious interior. It's incredibly reliable but gets just 17 mpg overall. Mazda's CX-9 three-row SUV stands out for its agile handling, comfortable ride, quiet interior, and 22 mpg overall.

**PICKUP**

**Toyota Tundra 2018-19**

The Tundra's V8 produces plenty of power, gives the truck impressive towing capability, and has competitive fuel economy.

Lexus NX



Audi A5

**\$30,000-\$40,000**

**SMALL CAR**

**Toyota Prius 2023**

The Prius gets an incredible 51 mpg overall with AWD, and its nimble handling makes it more engaging to drive than previous models.

**LARGE AND LUXURY CARS**

**Toyota Avalon 2021-22**

**Mercedes-Benz E-Class 2019**

This generation Avalon has nimble handling, a plush ride, and standard FCW, AEB, and BSW. The AWD E-Class returned 24 mpg overall from its smooth turbo four-cylinder engine.

**SPORTY CAR/  
CONVERTIBLE**

**Audi A5 2022-23**

Audi's A4-based sports coupe and convertible have the same precise handling, supple ride, and quiet interior as its sedan sibling. Expect 27 mpg overall from the turbo four-cylinder.

**SMALL SUVs**

**Acura RDX 2021-23**

**Cadillac XT5 2023**

**Toyota RAV4 Prime 2021-23**

The RDX is comfortable and 2.0-liter turbo four-cylinder and 10-speed automatic returned 22 mpg overall. Handling is sound and the interior is appealing. The quiet XT5 has comfortable seats and a luxurious interior. The RAV4 Prime plug-in hybrid delivers abundant power, has a comfortable ride, and offers 40 miles of electric range while returning 34 mpg overall when operating in hybrid mode.

**MIDSIZED SUVs**

**Hyundai Palisade 2022-23**

**Toyota Highlander Hybrid 2019-21**

We enjoyed the Hyundai's strong V6, roomy interior, and composed ride. It got 21 mpg overall in our tests. The Toyota has a compliant ride, nimble handling, and impressive 35 mpg overall. Both SUVs have standard FCW, AEB, and BSW.



## WORST USED CARS

These 2014 to 2023 models have records of much-worse-than-average reliability, based on responses to our Annual Auto Surveys.

### AUDI

A3	'18
A6	'19
Q3	'16, '22
E-tron	'19

### BUICK

Encore	'15, '17
Encore GX	'20

### CADILLAC

XT4	'19
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### CHEVROLET

Blazer	'23
Bolt	'19-'22
Cruze	'14
Malibu	'14
Suburban	'21, '23
Tahoe	'16-'17, '21
Traverse	'18

### CHRYSLER

Pacifica Hybrid	'18, '21-'22
Town & Country	'16

### DODGE

Grand Caravan	'16, '18
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### FORD

Escape	'21
Escape Hybrid	'20
Expedition	'17-'19
Explorer	'16, '20
F-150 Hybrid	'21-'22
F-250	'19, '21
Mustang	'20

### GMC

Acadia	'18
Yukon	'16-'17, '21
Yukon XL	'21, '23

### HYUNDAI

Ioniq	'20
Ioniq 5	'22
Kona Electric	'19
Santa Fe Sport	'14
Sonata	'17-'18
Tucson	'16-'17

### JEEP

Cherokee	'14
Gladiator	'20
Grand Cherokee L	'21
Wrangler	'18, '20-'21
Wrangler JK	'18

### KIA

Niro	'19
Soul	'21

### MAZDA

CX-9	'23
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### MERCEDES-BENZ

C-Class	'18
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### MINI

Cooper	'18
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### NISSAN

Frontier	'23
Pathfinder	'23
Rogue	'22

### RAM

2500	'17, '22
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### RIVIAN

R1T	'22
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### TESLA

Model S	'19-'21
Model X	'18, '22

### VOLKSWAGEN

Atlas	'21
ID.4	'21, '23
Jetta	'14, '21
Taos	'22
Tiguan	'18

### VOLVO

S60	'15, '20
V60	'15, '20
XC60 Plug-in Hybrid	'22-'23
XC90	'16, '19



2018 Volkswagen Tiguan



2021 Ford Escape



# Reliable Used Cars for Every Budget

These 2014 to 2023 models all have above-average reliability for the years listed and have standard electronic

stability control (ESC), a key safety feature. Models with not only stood out in our testing when they were new,

but also have multiple years of better-than-average reliability, putting them at the top of our recommended list.

Make + Model	Prices					
	\$5K-\$10K	\$10K-\$15K	\$15K-\$20K	\$20K-\$25K	\$25K-\$30K	\$30K-\$40K

**CARS: SMALL**

Chevrolet Cruze	—	'17-18	—	—	—	—
Ford C-MAX	—	'15-16	—	—	—	—
Honda Civic	—	'14	—	'21	'23	—
Honda Fit	—	'16-18	'20	—	—	—
Hyundai Elantra	—	—	'19	'23	—	—
Kia Niro	—	—	—	—	'23	—
Kia Niro EV	—	—	—	—	—	'22
Kia Soul	—	—	—	'22-23	—	—
Mazda 3	'14	'16-17	'21	'22	—	—
Nissan Leaf	'15	'18	—	'23	—	—
Subaru Impreza	—	—	'19-20	—	—	—
Toyota C-HR	—	—	'19	—	—	—
Toyota Corolla	—	'14-17	'18-20	'21-22	—	—
Toyota Corolla Hybrid	—	—	'20-21	'22-23	—	—
Toyota Prius	—	'14-15	'16-18	'20-21	'22	'23
Toyota Prius C	—	'15	—	—	—	—
Toyota Prius Prime	—	—	'17	'18-20	'21-22	—
Toyota Prius V	—	'14-15	'16-17	—	—	—

**CARS: MIDSIZED AND LARGE**

Honda Accord	—	'15-16	'17	'20	—	—
Honda Accord Hybrid	—	'14-15	'17	—	'22	'23
Hyundai Sonata	—	—	—	'21	—	—
Kia K5	—	—	—	—	'23	—
Kia Optima	—	—	'20	—	—	—
Mazda 6	—	'15-17	—	—	—	—
Subaru Legacy	—	—	'17	'19	—	—
Toyota Avalon	—	'14-15	'16-17	'18	'19-20	'21-22
Toyota Avalon Hybrid	—	—	'14-16	'18	'19-20	'21-22
Toyota Camry	—	'14-16	'17-18	'19-21	'22-23	—
Toyota Camry Hybrid	—	'14-15	'16-17	'18-19	'21-23	—

Make + Model	Prices					
	\$5K-\$10K	\$10K-\$15K	\$15K-\$20K	\$20K-\$25K	\$25K-\$30K	\$30K-\$40K

**CARS: LUXURY**

Acura TLX	—	'15	'16	'18-19	—	'21
Audi A3	—	'16	—	—	—	—
Audi A4	—	—	—	—	'20	—
BMW 3 Series	—	'16	'18	—	—	'22
BMW 5 Series	—	—	—	—	—	'21
Buick Regal	—	—	'18	—	—	—
Buick Verano	'14	—	—	—	—	—
Genesis G70	—	—	—	—	—	'22
Genesis G80	—	—	—	—	'19	—
Infiniti Q50	—	—	—	'19	—	—
Lexus ES	—	'14	'15-16	'17-18	'19	'22
Lexus ES Hybrid	—	—	'14-15	'16	—	'19,'21
Lexus GS	—	—	'15	'16	—	—
Lexus IS	—	—	'15	—	—	—
Lexus LS	—	—	—	—	—	'17
Lincoln MKZ	—	—	—	'20	—	—
Mercedes-Benz E-Class	—	—	—	'17	—	'19

**SPORTS CARS/CONVERTIBLES**

Audi A5	—	—	—	—	'19	'22-23
BMW 2 Series	—	—	'16	—	—	—
BMW 4 Series	—	—	—	—	—	'22
Chevrolet Corvette	—	—	—	—	—	'14
Mazda MX-5 Miata	—	—	'16-17	'19-21	—	—
Mini Cooper	—	—	'19	'22	'23	—

**WAGONS AND MINIVANS**

Audi Allroad	—	—	—	—	'20	—
Buick Regal TourX	—	—	'18	—	—	—
Chrysler Pacifica	—	—	—	—	—	'22
Honda Odyssey	—	—	'17	—	—	'22



RELIABLE USED CARS FOR EVERY BUDGET

Make + Model	Prices					
	\$5K-\$10K	\$10K-\$15K	\$15K-\$20K	\$20K-\$25K	\$25K-\$30K	\$30K-\$40K
<b>WAGONS AND MINIVANS</b> <i>Continued</i>						
✓ Toyota Sienna	-	-	'16	'18	'20	'22
✓ Toyota Venza	-	'14-15	-	-	-	'21-23
<b>SUVs: SMALL</b>						
✓ Acura RDX	-	-	'16	-	'20	'21-23
Audi Q5	-	-	-	'19	-	-
✓ BMW X3	-	'16	-	'18	-	'21-22
✓ Buick Envision	-	-	'17	'19-20	'22	-
✓ Cadillac XT5	-	-	-	'19	-	'23
Chevrolet Equinox	-	-	'18-20	-	'23	-
Ford Mustang Mach-E	-	-	-	-	-	'23
GMC Terrain	-	-	'18-19	'20	'23	-
✓ Honda CR-V	-	'14-15	'16	'19-20	'21-22	'23
✓ Honda CR-V Hybrid	-	-	-	'20	'22	-
✓ Honda HR-V	-	-	'17-19	'21-22	'23	-
Hyundai Kona	-	-	'18-19	-	-	-
Hyundai Tucson	-	-	'20	'21	'23	-
Hyundai Tucson Hybrid	-	-	-	-	-	'23
Infiniti QX50	-	-	'17	-	-	-
Jeep Cherokee	-	-	'20	-	'22	-
Jeep Compass	-	-	-	'22	-	-
✓ Kia Sportage	-	-	'20	'21-22	-	-
✓ Lexus NX	-	-	'15	'16-17	'19-20	'21
✓ Lexus NX Hybrid	-	-	-	-	'19	'20
✓ Lexus UX	-	-	-	'19	'20-21	-
Lincoln Corsair	-	-	-	-	'21	-
✓ Mazda CX-30	-	-	-	'22-23	-	-
✓ Mazda CX-5	-	'16	-	'21-22	'23	-
Mazda CX-50	-	-	-	-	'23	-
Nissan Rogue Sport	-	-	'20	-	-	-
Porsche Macan	-	-	-	-	'18	'20
✓ Subaru Crosstrek	-	-	-	'19-21	'22-23	-
Subaru Forester	-	-	-	-	'21-23	-
Toyota Corolla Cross	-	-	-	'22	-	-
✓ Toyota RAV4	-	'14-15	'16-18	'20	'21-22	'23

Make + Model	Prices					
	\$5K-\$10K	\$10K-\$15K	\$15K-\$20K	\$20K-\$25K	\$25K-\$30K	\$30K-\$40K
<b>SUVs: SMALL</b> <i>Continued</i>						
✓ Toyota RAV4 Hybrid	-	-	'16-17	'18	'19	'21-23
✓ Toyota RAV4 Prime	-	-	-	-	-	'21-23
Volkswagen Tiguan	-	-	'20	-	-	-
✓ Volvo XC40	-	-	-	'19-20	'21	-
Volvo XC60	-	'17	-	-	-	-
<b>SUVs: MIDSIZED AND LARGE</b>						
Acura MDX	-	-	'15	-	-	'22
Buick Enclave	-	-	-	'19	-	'23
Chevrolet Trailblazer	-	-	-	-	'23	-
Ford Edge	-	-	-	'20	'22	'23
GMC Acadia	-	-	-	-	'21	'23
Honda Passport	-	-	-	-	'21	-
Honda Pilot	-	'14	-	-	'21	-
✓ Hyundai Palisade	-	-	-	-	-	'22-23
Hyundai Santa Fe	-	-	-	'19-20	'23	-
✓ Lexus GX	-	-	-	-	'16	'19-20
✓ Lexus RX	-	-	'14-15	'16	'17-18	'19-21
✓ Lexus RX Hybrid	-	-	-	'15-16	'17	-
Lincoln MKX	-	-	'18	-	-	-
Lincoln Nautilus	-	-	-	'20	'21	-
✓ Mazda CX-9	-	-	'18	'20	'22	-
Nissan Murano	-	'16	'19	'20	-	-
✓ Toyota 4Runner	-	-	-	'14-15	'16-18	'19, '21-23
✓ Toyota Highlander	-	-	'14-16	'17-19	'20	'21-22
✓ Toyota Highlander Hybrid	-	-	-	-	'18	'19-21
<b>PICKUP TRUCKS</b>						
Ford Maverick	-	-	-	-	'22	'23
Ford Maverick Hybrid	-	-	-	-	-	'23
Ford Ranger	-	-	-	-	'21	'23
Honda Ridgeline	-	-	'14	-	-	'21-22
Hyundai Santa Cruz	-	-	-	-	'23	-
Nissan Frontier	-	'14	'17, '19	-	-	-
✓ Toyota Tacoma	-	-	'14-16	'17	'20-22	-
✓ Toyota Tundra	-	-	'14	'16-17	'18-19	'20-21



# Most and Least Reliable Cars

## HOW TO READ OUR RELIABILITY CHARTS

### NEW MODEL PREDICTION

This is our projection of how reliable a 2024 or early 2025 model is likely to be. It is determined using the average of the same model's overall reliability ratings for the past three years, provided the model was not redesigned or significantly changed during that time. If the model was redesigned in 2023 or 2022, we might make a reliability

determination based on just one or two years' data. For new or redesigned models, we base our prediction on the reliability history of the previous generation, brand, and similar models. Discontinued models have a blank field.

### OVERALL RELIABILITY

**(Used Cars)** This rating indicates how many problems a model has had compared with the average

problem rate for vehicles of the same model year, as reported by our members in up to 20 trouble spots. More serious problems, such as major engine and transmission, engine cooling, drive system, EV motor, and EV battery categories, can be serious and more expensive to repair and are given extra weight in our scoring.

### TROUBLE SPOTS

Models that score a are not necessarily unreliable, but they suffer a higher rate of problems than the average model. Similarly, models that score a are not

necessarily trouble-free, but they have relatively few problems compared with other models of the same year. Newer vehicles should have few, if any, problems. In some cases a model may score and in most categories, but the verdict is a or lower because it still has more problems than the average model overall. An empty column indicates the model wasn't sold that year; a column of asterisks (\*) indicates there is insufficient data for that year. The model year of redesigned or newly introduced models appear inside a gray box.

## THE TROUBLE SPOTS WE CHECK

**Engine, Major** Engine rebuild or replacement, cylinder head, head gasket, turbo or supercharger, timing chain or timing belt.

**Engine, Minor** Oil or fuel leaks, accessory belts and pulleys, engine computer, engine mounts, engine knock or ping.

**Engine, Cooling** Radiator, cooling fan, antifreeze leaks, water pump, thermostat, overheating.

**Transmission, Major** Transmission rebuild or replacement, torque converter, premature clutch replacement.

**Transmission, Minor** Gear selector or linkage, coolers and lines, rough shifting, slipping transmission, leaks, transmission computer, transmission sensor or solenoid, clutch adjustment.

**Drive System** Driveshaft or axle, CV joint, differential, transfer case, driveline vibration, traction control, electronic stability control (ESC).

**Electric Motor** Electric drive motor rebuild, replacement, or malfunction.

**EV Battery** Hybrid/electric battery replacement, hybrid/electric battery malfunction, hybrid/electric battery cooling problems.

**EV Charging** Charges too slowly, charge connection problem, won't charge at home, won't work with public chargers, won't fully charge, charging port problem, won't DC fast charge.

**Build Quality** is a composite of electrical accessories, body hardware, paint/trim, and noises/leaks.

**Fuel System** Sensors (includes O2 or oxygen sensor), emission control devices (includes EGR), fuel gauge/sender, fuel injection system, fuel pump, problems filling the tank.

**Electrical** Alternator, starter, regular battery, battery cables, engine harness, coil, ignition switch, electronic ignition, spark plug or wire failure, auto stop/start.

**Climate System** Blower (fan) motor, A/C compressor, condenser, evaporator, heater system, automatic climate control, refrigerant leaks, electrical failure, controls not available on infotainment screen.

**Suspension** Shocks or struts, ball joints, tie rods, wheel bearings, alignment, steering linkage (includes rack and pinion), power steering (pumps and hoses, leaks), wheel balance, springs or torsion bars, bushings, electronic or air suspension.

**Brakes** Premature wear, pulsation or vibration, squeaking, master cylinder, calipers, rotors, antilock brake system

(ABS), parking brake, brake failure, regenerative braking.

**In-Car Electronics** Audio systems, backup/parking camera, entertainment systems, navigation system, communication system, hardware replacement, over-the-air updates, head-up display.

Go to [CR.org/reliability](https://CR.org/reliability) for the full list of factors in these categories.

### Average Problem Rates

This chart shows the average rates of problems for all vehicles in our survey. For example, in 2021, fewer than one percent of vehicles, on average, had Drive System problems. Models with fewer problems will score a or ; models with more problems will score a or .

	'16	'17	'18	'19	'20	'21	'22	'23
Engine, Major	2	1	1	<1	1	<1	<1	<1
Engine, Minor	1	1	1	<1	<1	<1	<1	<1
Engine, Cooling	<1	<1	<1	<1	<1	<1	<1	<1
Transmission, Major	1	1	1	1	<1	<1	<1	<1
Transmission, Minor	1	1	1	<1	<1	<1	<1	<1
Drive System	2	1	1	1	1	<1	<1	<1
Electric Motor	<1	<1	1	<1	1	<1	<1	<1
EV Battery	2	3	2	4	3	3	2	<1
EV Charging	2	2	2	3	3	2	2	1
Build Quality	5	5	4	3	4	2	2	2
Fuel System	2	1	1	1	<1	1	<1	<1
Electrical	1	1	1	<1	<1	<1	<1	<1
Climate System	3	3	2	1	1	1	1	<1
Suspension	2	2	1	1	1	1	<1	<1
Brakes	2	2	2	1	1	1	1	<1
In-Car Electronics	3	3	3	3	3	4	4	2



## RELIABILITY ACURA - BMW

New Model Prediction ▶	Acura MDX <span>↓</span>						Acura RDX <span>↑</span>						Acura TLX <span>↑</span>						Audi A3 <span>↓</span>						Audi A4 <span>↓</span>														
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability	↓	↓	↓	↓	↓	↓	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	↓	↓	*	*	↑	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↓	
Engine, Major	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	*	↑	↑	↓	↓	*	*	↓	↑	↑	*	*	*	*	↓	↑	↑	↑	↑	↑	*	↑	
Engine, Minor	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↓	*	↑	↑	↓	↓	*	*	↑	↓	↑	*	*	*	*	↑	↓	↑	↑	↑	↑	*	↑	
Engine, Cooling	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	*	*	*	*	↑	↑	↑	↑	↑	↑	*	↑	
Transmission, Major	↓	↓	↓	↑	↑	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	↑	↑	↑	↑	↓	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↑	
Transmission, Minor	↑	↑	↑	↓	↓	↑	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	↑	↑	↑	↑	↑	↓	↓	*	*	*	*	↑	↓	↑	↑	↑	↑	*	↑	
Drive System	↓	↑	↑	↑	↑	↑	↑	↓	↑	↓	↓	↑	↑	↑	↑	↑	*	↑	↑	↓	↓	*	*	↑	↓	↓	*	*	*	*	↓	↑	↑	↑	↑	↑	*	↑	
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↓	
Fuel System	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↓	
Electrical	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	↓	↓	*	*	↑	↑	↑	*	*	*	*	↑	↓	↑	↑	↑	↑	*	↑	
Climate System	↑	↑	↓	↑	↑	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↑	*	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↑	
Suspension	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↑	*	↑	↑	↓	↓	*	*	↓	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↓	
Brakes	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↑	*	↓	↓	↓	↓	↓	↓	↑	↓	↓	*	*	*	*	↓	↓	↓	↓	↓	↓	*	↓	
In-Car Electronics	↑	↑	↑	↓	↓	↓	↓	↑	↑	↓	↓	↓	↓	↓	↓	↑	*	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	*	*	*	↑	↑	↑	↓	↓	↓	*	↓	

  

New Model Prediction ▶	Audi A5 <span>↑</span>						Audi A6 <span>↓</span>						Audi Q3 <span>↓</span>						Audi Q5 <span>↓</span>						Audi Q7 <span>↓</span>														
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability	*	*	↓	*	*	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
Engine, Major	*	*	↑	↑	*	↑	↑	↑	↑	↓	↓	*	*	*	*	↓	↓	*	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	↑	*	*	*	*		
Engine, Minor	*	*	↓	↑	*	↑	↑	↑	↓	↓	↓	*	*	*	*	↑	*	↑	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↑	↑	↓	*	*	*	*		
Engine, Cooling	*	*	↑	↑	*	↑	↑	↑	↓	↓	↓	*	*	*	*	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	↑	*	*	*	*		
Transmission, Major	*	*	↑	↑	*	↑	↑	↑	↑	↓	↓	*	*	*	*	↑	*	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	↓	↑	*	*	*		
Transmission, Minor	*	*	↑	↑	*	↑	↑	↑	↑	↓	↓	*	*	*	*	↑	*	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	*	↑	*	*	*		
Drive System	*	*	↑	↓	*	↑	↑	↓	↓	↓	↓	*	*	*	*	↓	*	↑	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	↑	*	*	*	*		
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality	*	*	↓	↑	*	↓	↓	↓	↓	↓	↓	*	*	*	*	↑	*	↑	*	↓	↓	↓	↑	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	*	*	*		
Fuel System	*	*	↑	↑	*	↑	↑	↓	↓	↓	↓	*	*	*	*	↑	*	↑	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↑	↑	*	*	*	*	*		
Electrical	*	*	↑	↑	*	↑	↑	↑	↑	↓	↓	*	*	*	*	↓	↓	*	↑	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↑	↑	*	*	*	*	*		
Climate System	*	*	↑	↑	*	↑	↑	↑	↑	↓	↓	*	*	*	*	↓	↓	↓	*	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	*	*	*		
Suspension	*	*	↑	↑	*	↑	↑	↓	↓	↓	↓	*	*	*	*	↓	*	↓	*	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	*	*	*		
Brakes	*	*	↑	↑	*	↑	↑	↑	↓	↓	↓	*	*	*	*	↓	↓	↓	*	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	*	*	*		
In-Car Electronics	*	*	↑	↑	*	↓	↓	↓	↓	↓	↓	*	*	*	*	↓	↓	↓	*	↑	↑	↑	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	*	*	*		

  

New Model Prediction ▶	BMW 2 Series <span>↑</span>						BMW 3 Series <span>↓</span>						BMW 4 Series <span>↑</span>						BMW 5 Series <span>↑</span>						BMW X3 <span>↑</span>																		
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23			
Overall Reliability	↑	↓	↓	*	*	*	*	↑	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	*	↓	*	↓	↓	*	*	↓	↓	↓	↓	↓	↓	↓	↓	↑	↓	↓	↓	↓	↓	↓	↓
Engine, Major	↑	↓	↓	*	*	*	*	↑	↑	↑	↑	↑	↑	↑	↓	*	↑	↑	*	*	↓	*	↑	↑	*	*	↓	*	↑	↑	*	*	↑	↑	↑	↑	↑	↑	↑	↑			
Engine, Minor	↑	↓	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	↓	*	↑	↑	*	*	↓	*	↑	↑	*	*	↓	↓	↓	↓	↓	↓	↓	↓			
Engine, Cooling	↑	↓	*	*	*	*	*	↑	↑	↑	↑	↑	↑	↑	↑	*	↓	↓	*	*	↑	*	↑	↑	*	*	↑	*	↑	↑	*	*	↑	↑	↑	↑	↑	↑	↑	↑			
Transmission, Major	↑	↑	*	*	*	*	*	↑	↑	↑	↑	↑	↑	↑	↑	*	↑	↑	*	*	↑	*	↑	↑	*	*	↑	*	↑	↑	*	*	↑	↑	↑	↑	↑	↑	↑	↑			
Transmission, Minor	↑	↑	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↑	*	↑	↑	*	*	↑	*	↑	↑	*	*	↑	*	↑	↑	*	*	↑	↑	↑	↑	↑	↑	↑	↑			
Drive System	↑	↑	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↑	↑	↑	↑	↑	↑	↑	↑			
Electric Motor																																											
EV Battery																																											
EV Charging																																											
Build Quality	↑	↓	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↓	*	↑	*	*	*	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	↓	↓	↓	↓	↓	↓	↓			
Fuel System	↑	↓	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↓	*	↑	*	*	*	↑	*	↓	↓	*	*	↑	*	↓	↓	*	*	↓	↓	↓	↓	↓	↓	↓	↓			
Electrical	↑	↓	*	*	*	*	*	↑	↑	↑	↑	↑	↑	↑	↑	*	↓	↓	*	*	↑	*	↑	↑	*	*	↑	*	↑	↑	*	*	↑	↓	↑	↑	↑	↑	↑	↑			
Climate System	↑	↓	*	*	*	*	*	↑	↑	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↑	↑	↑	↑	↑	↑	↑	↑			
Suspension	↑	↓	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	↓	↓	↓	↓	↓	↓	↓			
Brakes	↓	↓	*	*	*	*	*	↓	↓	↓	↓	↓	↓	↓	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	*	↓	↓	*	*	↓	↓	↓	↓	↓	↓</					









## RELIABILITY GENESIS - HONDA

New Model Prediction ▶	Genesis GV70					Genesis GV80					GMC Acadia					GMC Canyon					GMC Sierra 1500																		
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability																																							
Engine, Major																																							
Engine, Minor																																							
Engine, Cooling																																							
Transmission, Major																																							
Transmission, Minor																																							
Drive System																																							
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality																																							
Fuel System																																							
Electrical																																							
Climate System																																							
Suspension																																							
Brakes																																							
In-Car Electronics																																							

  

New Model Prediction ▶	GMC Terrain					GMC Yukon					GMC Yukon XL					Honda Accord					Honda Accord Hybrid																		
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability																																							
Engine, Major																																							
Engine, Minor																																							
Engine, Cooling																																							
Transmission, Major																																							
Transmission, Minor																																							
Drive System																																							
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality																																							
Fuel System																																							
Electrical																																							
Climate System																																							
Suspension																																							
Brakes																																							
In-Car Electronics																																							

  

New Model Prediction ▶	Honda Civic					Honda CR-V					Honda CR-V Hybrid					Honda Fit					Honda HR-V				
	'16	'17	'18	'19	'20	'																			



RELIABILITY HONDA - HYUNDAI

New Model Prediction ▶	Honda Insight					Honda Odyssey					Honda Passport					Honda Pilot					Honda Ridgeline																			
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23
Overall Reliability						*	*																																	
Engine, Major						*	*																																	
Engine, Minor						*	*																																	
Engine, Cooling						*	*																																	
Transmission, Major						*	*																																	
Transmission, Minor						*	*																																	
Drive System						*	*																																	
Electric Motor						*	*																																	
EV Battery						*	*																																	
EV Charging						*	*																																	
Build Quality						*	*																																	
Fuel System						*	*																																	
Electrical						*	*																																	
Climate System						*	*																																	
Suspension						*	*																																	
Brakes						*	*																																	
In-Car Electronics						*	*																																	

New Model Prediction ▶	Hyundai Elantra					Hyundai Ioniq					Hyundai Ioniq 5					Hyundai Kona					Hyundai Kona Electric																			
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23
Overall Reliability									*	*			*	*																										
Engine, Major									*	*			*	*																										
Engine, Minor									*	*			*	*																										
Engine, Cooling									*	*			*	*																										
Transmission, Major									*	*			*	*																										
Transmission, Minor									*	*			*	*																										
Drive System									*	*			*	*																										
Electric Motor									*	*			*	*																										
EV Battery									*	*			*	*																										
EV Charging									*	*			*	*																										
Build Quality									*	*			*	*																										
Fuel System									*	*			*	*																										
Electrical									*	*			*	*																										
Climate System									*	*			*	*																										
Suspension									*	*			*	*																										
Brakes									*	*			*	*																										



RELIABILITY HYUNDAI - KIA

New Model Prediction ▶	Hyundai Tucson Hybrid <span style="color: orange;">!</span>		Infiniti QX50 <span style="color: orange;">!</span>		Jeep Cherokee <span style="color: orange;">!</span>		Jeep Gladiator <span style="color: orange;">v</span>		Jeep Grand Cherokee <span style="color: orange;">v</span>																															
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23
Overall Reliability																																								
Engine, Major																																								
Engine, Minor																																								
Engine, Cooling																																								
Transmission, Major																																								
Transmission, Minor																																								
Drive System																																								
Electric Motor																																								
EV Battery																																								
EV Charging																																								
Build Quality																																								
Fuel System																																								
Electrical																																								
Climate System																																								
Suspension																																								
Brakes																																								
In-Car Electronics																																								

New Model Prediction ▶	Jeep Grand Cherokee L <span style="color: orange;">v</span>		Jeep Wrangler <span style="color: orange;">v</span>		Kia Forte <span style="color: green;">^</span>		Kia EV6 <span style="color: orange;">!</span>		Kia Niro <span style="color: green;">^</span>																														
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability																																							
Engine, Major																																							
Engine, Minor																																							
Engine, Cooling																																							
Transmission, Major																																							
Transmission, Minor																																							
Drive System																																							
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality																																							
Fuel System																																							
Electrical																																							
Climate System																																							
Suspension																																							
Brakes																																							
In-Car Electronics																																							

New Model Prediction ▶	Kia Niro EV <span style="color: orange;">!</span>		Kia Optima, K5 <span style="color: green;">^</span>		Kia Seltos <span style="color: orange;">!</span>		Kia Sorento <span style="color: orange;">!</span>		Kia Soul <span style="color: orange;">!</span>																														
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability																																							
Engine, Major																																							
Engine, Minor																																							
Engine, Cooling																																							
Transmission, Major																																							
Transmission, Minor																																							
Drive System																																							
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality																																							
Fuel System																																							
Electrical																																							
Climate System																																							
Suspension																																							
Brakes																																							
In-Car Electronics																																							







## RELIABILITY NISSAN - TESLA

New Model Prediction ▶	Nissan Rogue Sport							Nissan Sentra <span style="color: orange;">!</span>							Porsche Macan <span style="color: green;">▲</span>							Ram 1500 <span style="color: orange;">!</span>							Ram 2500 <span style="color: orange;">!</span>										
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability	!	!	!	!	!	!	!	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
Engine, Major	▲	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼
Engine, Minor	!	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Engine, Cooling	!	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Transmission, Major	!	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼
Transmission, Minor	▲	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Drive System	▼	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality	▲	▼	▼	!	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	!	!	!	!	!	!	!	!	▲	▲	▲	▲	▲	▲	▲	▲
Fuel System	▲	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼
Electrical	!	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Climate System	▼	▼	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!
Suspension	▲	!	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Brakes	▲	!	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
In-Car Electronics	!	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲

  

New Model Prediction ▶	Subaru Ascent <span style="color: orange;">!</span>							Subaru Crosstrek <span style="color: green;">▲</span>							Subaru Forester <span style="color: green;">▲</span>							Subaru Impreza <span style="color: green;">▲</span>							Subaru Legacy <span style="color: orange;">!</span>										
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability	▼	▼	▼	!	▲	▲	▲	!	!	!	!	!	!	!	!	▼	▼	▼	!	▲	▲	▲	▲	▼	▼	▼	!	▲	▲	▲	▲	!	!	!	!	!	!	!	!
Engine, Major	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Engine, Minor	▲	!	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Engine, Cooling	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Transmission, Major	▼	▼	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	▼	!	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!
Transmission, Minor	▲	!	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	▲	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	▼	▼	▼	▼	▼	▼	▼	▼
Drive System	!	!	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▲	▲	▲	▲	▲	▲	▲	▲
Electric Motor																																							
EV Battery																																							
EV Charging																																							
Build Quality	▼	▼	!	▲	▲	▲	▲	!	!	!	!	!	!	!	!	▲	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	▼	▼	▼	▼	▼	▼	▼	▼
Fuel System	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Electrical	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Climate System	▲	▲	▼	!	!	!	!	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
Suspension	!	▲	▲	▲	▲	▲	▲	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	!	!	!	!	!	!	!	!
Brakes	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	▲	▲	▲	▲	▲	▲	▲	▲
In-Car Electronics	▼	▲	!	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!

  

New Model Prediction ▶	Subaru Outback <span style="color: orange;">!</span>							Tesla Model 3 <span style="color: orange;">!</span>							Tesla Model S <span style="color: orange;">▼</span>							Tesla Model X <span style="color: orange;">▼</span>							Tesla Model Y <span style="color: orange;">!</span>										
	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22	'23	'16	'17	'18	'19	'20	'21	'22
Overall Reliability	!	!	!	!	!	!	!	*	!	!	!	!	!	!	!	▼	▼	▼	▼	▼	▼	▼	▼	*	*	*	*	*	*	*	*	!	!	!	!	!	!	!	!
Engine, Major	▲	▲	▲	▲	▲	▲	▲																																
Engine, Minor	▲	▲	▲	▲	▲	▲	▲																																
Engine, Cooling	▲	▲	▲	▲	▲	▲	▲																																
Transmission, Major	▲	▲	▲	▲	▲	▲	▲																																
Transmission, Minor	▲	▲	▲	▲	▲	▲	▲																																
Drive System	!	!	!	!	!	!	!	*	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	*	*	*	*	*	*	*	*	!	!	!	!	!	!	!	!
Electric Motor								*	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲
EV Battery								*	▲	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲
EV Charging								*	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	*	*	*	*	*	*	*	*	▲	▲	▲	▲	▲	▲	▲	▲
Build Quality	▼	▼	▼	▼	!	▲	▲	*	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	*	*	*	*	*	*	*	*	▼	▼	▼	▼	▼	▼	▼	▼
Fuel System	▲	▲	▲	▲	▲	▲	▲																																
Electrical	▲	▲	▲	▲	▲	▲	▲																																
Climate System	▲	▲	▲	▲	!	!	!	*	▼	!	!	!	!	!	▼	!	!	!	!	!	!	!	*	*	*	*	*	*	*	*	▼	▼	!	!	!	!	!	!	
Suspension	!	!	!	!	!	!	!	*	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	*	*	*	*	*	*	*	*	!	!	!	!	!	!	!	!	
Brakes	!	!	!	!	!	!	!	*	▲	▲	▲	▲	▲	▲	!	!	!	!	!	!	!	!	*	*	*	*	*	*	*	*	!	!	!	!	!	!	!	!	
In-Car Electronics	▲	▲	▼	▼	▼	▼	▼	*	▲	▲	▲																												





## RELIABILITY TOYOTA - VOLVO

New Model Prediction ▶	Toyota Tundra	Toyota Venza	Volkswagen Atlas	Volkswagen Golf, Golf R	Volkswagen Golf SportWagen
	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23
Overall Reliability					
Engine, Major					
Engine, Minor					
Engine, Cooling					
Transmission, Major					
Transmission, Minor					
Drive System					
Electric Motor					
EV Battery					
EV Charging					
Build Quality					
Fuel System					
Electrical					
Climate System					
Suspension					
Brakes					
In-Car Electronics					

  

New Model Prediction ▶	Volkswagen Golf GTI	Volkswagen ID.4	Volkswagen Jetta	Volkswagen Passat	Volkswagen Tiguan
	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23
Overall Reliability					
Engine, Major					
Engine, Minor					
Engine, Cooling					
Transmission, Major					
Transmission, Minor					
Drive System					
Electric Motor					
EV Battery					
EV Charging					
Build Quality					
Fuel System					
Electrical					
Climate System					
Suspension					
Brakes					
In-Car Electronics					

  

New Model Prediction ▶	Volvo S60	Volvo XC40	Volvo XC60	Volvo XC60 Plug-in Hybrid	Volvo XC90
	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23	'16 '17 '18 '19 '20 '21 '22 '23
Overall Reliability					
Engine, Major					
Engine, Minor					
Engine, Cooling					
Transmission, Major					
Transmission, Minor					
Drive System					
Electric Motor					
EV Battery					
EV Charging					
Build Quality					
Fuel System					
Electrical					
Climate System					
Suspension					
Brakes					
In-Car Electronics					



## Tires

Your vehicle's handling, braking, ride comfort, and fuel economy are all directly impacted by the tires it's equipped with. More important, the tire's cornering grip, stopping distances, and resistance to hydroplaning all affect your safety on the road.

Consumer Reports evaluates 40 or more tire models every year, with each going through as many as 14 rigorous tests. We've found that you generally get what you pay for. No matter the type, tires that combine the best grip with the longest tread life may cost a little more but will probably be worth it in the long run. For example, a \$130 tire that will last twice as long as an \$87 tire is a better buy, assuming all other factors are equal. Still, the cheaper tire may be just fine if you won't be keeping your car for very long.

When buying new tires, we recommend sticking with the same type and size tire that originally came on your car. First, check CR's ratings for tires that provide good braking and handling capabilities, as well as good

resistance to hydroplaning (how well the tire prevents skimming on standing water in the road), which can help you avoid an accident. After that, look for those rated highly in areas important to you, such as winter grip, tread life, ride comfort, and rolling resistance.

We have found that some tires with lower rolling resistance allowed our test cars to get 1 or 2 more mpg than tires with the highest rolling resistance.

But the fuel mileage you get with brand-new, low-rolling resistance tires may initially be worse than the old tires you are replacing. This is because tires with tens of thousands of miles of wear have less tread and behave more like low-rolling resistance tires.

Our latest tests include the projected wear-out mileage of a tire. To determine

longevity, we test tread life at an outside lab in Texas, where each tire is driven 16,000 miles on public roads. We've been conducting this test annually for several years.

Our tread-life estimates let you compare the expected miles-to-wear-out for the specific tires we tested. Your actual experience will vary by how and where you drive, and what vehicle you use, among other factors.

Many tires have a pro-rated treadwear warranty, but the tread-life mileage in the following charts will give you a direct comparison.

Remember that if you buy tires online, you may have to pay for shipping and for mounting and balancing when the tires arrive. And always check tire maker websites for rebates.

### ALL-SEASON

These are the tires that come standard on many cars, minivans, and SUVs.

**BEST FOR:** Year-round traction, long tread life, and a comfortable ride. But they may lack the precise handling and grip of performance tires.

**SPEED RATING:** Most are H (130 mph) or V (149 mph).

**TREADWEAR WARRANTY:** Typically 60,000 to 80,000 miles.

### ALL-WEATHER

These fall within the all-season category, and are designed for year-round use.

**BEST FOR:** Areas where snow and ice are common challenges. They can't match winter/snow tires for maximum snow performance, but offer better braking, handling, and tread life.

**SPEED RATING:** W (168 mph) or V (149 mph).

**TREADWEAR WARRANTY:** Typically 50,000 to 65,000 miles.

### ULTRA-HIGH-PERFORMANCE ALL-SEASON & SUMMER

Found on sports cars, sports sedans, and some lower-priced sporty models.

**BEST FOR:** Wet and dry braking and handling. But they trade some winter performance for ultimate warm-weather grip.

**SPEED RATING:** ZR (more than 149 mph), W (168 mph), or Y (186 mph).

**TREADWEAR WARRANTY:** None or 25,000 to 50,000 miles.

### ALL-SEASON SUV

These tires deliver the ride comfort, quietness, and long tread life of a car all-season tire but in the sizes to fit crossover SUVs.

**BEST FOR:** Year-round traction, long tread life, and a comfortable ride.

**SPEED RATING:** H (130 mph) or V (149 mph).

**TREADWEAR WARRANTY:** Typically 60,000 to 80,000 miles.



**TIRES**

**ALL-SEASON TRUCK**

Tires that are designed for the rigors of pickup and heavy truck use.

**BEST FOR:** All-season models are made primarily for on-road use.

**SPEED RATING:** S (112 mph), T (118 mph), or H (130 mph).

**TREADWEAR WARRANTY:** Typically 60,000 to 70,000 miles.

**ALL-TERRAIN TRUCK**

These tires are designed for off-road use by pickup trucks and some heavier-duty SUVs.

**BEST FOR:** All-terrain models are designed for on-road and light-duty off-pavement use.

**SPEED RATING:** S (112 mph) or T (118 mph).

**TREADWEAR WARRANTY:** Typically 50,000 to 65,000 miles.

**WINTER/SNOW AND PERFORMANCE WINTER/SNOW**

Specially made for use in freezing temperatures and on snow and ice.

**BEST FOR:** Maintaining traction on snow and ice. But fast wear and so-so wet and dry braking make them most suitable only for cold-weather use.

**SPEED RATING:** Q (99 mph), R (106 mph), S (112 mph), T (118 mph), H (130 mph), and V (149 mph)

**TREADWEAR WARRANTY:** Usually none.

**WINTER/SNOW TRUCK**

Engineered for use in freezing temperatures and on snow and ice by pickups and SUVs.

**BEST FOR:** Maintaining traction on snow and ice. But fast wear and so-so wet and dry braking make them most suitable only for cold-weather use.

**SPEED RATING:** R (106 mph), S (112 mph), or T (118 mph).

**TREADWEAR WARRANTY:** Usually none.

Brand + Model	Overall Score	Price Paid	Survey Results	Three-Season Driving				Winter Driving		Comfort		Other	
				Owner Satisfaction	Dry braking	Wet braking	Handling	Hydroplaning	Snow traction	Ice braking	Ride	Noise	Rolling resistance
<b>ALL-SEASON</b>													
✓ Michelin Defender2	68	\$189	↑	↑	↓	↓	↑	↑	↓	↓	↑	↑	100,000
✓ Hankook Kinergy XP	68	\$153	↓	↑	↑	↑	↑	↑	↓	↓	↑	↑	75,000
✓ Vredestein Quatrac Pro+ <sup>†</sup>	67	\$144	↑	↑	↓	↑	↑	↑	↑	↑	↑	↑	60,000
✓ Michelin Primacy Tour A/S	66	\$215	↑	↑	↑	↑	↑	↓	↓	↑	↑	↑	60,000
✓ Continental TrueContact Tour 54	65	\$172	↑	↑	↓	↑	↓	↑	↓	↑	↑	↑	75,000
✓ Bridgestone Turanza Quiettrack	65	\$233	↓	↑	↓	↑	↑	↑	↓	↑	↑	↑	70,000
✓ Pirelli P7 AS Plus 3	65	\$169	↓	↑	↓	↑	↑	↑	↓	↓	↑	↑	70,000
✓ Nokian Remedy WRG5 <sup>†</sup>	64	\$185	↓	↑	↓	↓	↑	↑	↑	↑	↑	↑	50,000
✓ General Altimax RT45	63	\$159	↓	↑	↓	↓	↑	↑	↑	↑	↑	↑	65,000
✓ Yokohama Avid Ascend GT	63	\$169	↓	↑	↓	↑	↑	↑	↓	↑	↑	↑	70,000
✓ Kumho Solus TA51A	62	\$160	↓	↑	↓	↑	↓	↑	↓	↓	↑	↑	60,000
✓ Falken Aklimate <sup>†</sup>	60	\$167	↓	↑	↓	↓	↑	↑	↓	↑	↓	↑	60,000
Cooper ProControl	59	\$149	↓	↑	↓	↑	↑	↓	↓	↓	↑	↑	75,000
Uniroyal Tiger Paw Touring A/S	59	\$147	↓	↑	↓	↑	↑	↓	↓	↓	↑	↓	70,000

<sup>†</sup> All-weather tires.



**TIRES**

Brand + Model	Overall Score	Price Paid	Survey Results	Three-Season Driving				Winter Driving		Comfort		Other	
				Owner Satisfaction	Dry braking	Wet braking	Handling	Hydroplaning	Snow traction	Ice braking	Ride	Noise	Rolling resistance
<b>ALL-SEASON</b> <i>Continued</i>													
Kenda Vezda Touring 4S <sup>††</sup>	59	\$137	-	↑	↓	↓	↓	↑	↑	↓	↑	↓	50,000
Atlas Force HP	58	\$119	-	↑	↑	↑	↑	↓	↓	↓	↑	↑	50,000
BFGoodrich Advantage Control All Season	58	\$154	↓	↑	↓	↓	↑	↓	↓	↑	↑	↓	55,000
Falken Ziex ZE960	57	\$139	↓	↑	↑	↑	↑	↓	↓	↓	↑	↓	45,000
Nexen N5000 Platinum	57	\$139	↓	↑	↓	↑	↑	↓	↓	↓	↑	↑	50,000
Firestone WeatherGrip <sup>†</sup>	57	\$187	↓	↓	↓	↑	↑	↑	↓	↓	↑	↑	50,000
Toyo Celsius II <sup>††</sup>	56	\$115	↓	↓	↓	↓	↓	↑	↓	↓	↑	↓	50,000
Kenda Vezda Touring	53	\$135	-	↑	↓	↑	↑	↓	↓	↓	↑	↑	55,000
<b>ALL-SEASON SUV</b>													
✓ Michelin CrossClimate2 <sup>††</sup>	78	\$254	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	95,000
✓ Vredestein HiTrac	72	\$184	↑	↑	↑	↑	↑	↑	↑	↓	↑	↑	60,000
✓ Pirelli Scorpion AS + 3	70	\$205	↓	↑	↓	↑	↑	↑	↑	↓	↑	↑	85,000
✓ Goodyear Assurance ComfortDrive	66	\$223	↓	↑	↑	↑	↑	↓	↓	↓	↑	↓	75,000
✓ Continental CrossContact LX 25	66	\$219	↑	↑	↑	↑	↑	↑	↑	↓	↑	↓	75,000
Yokohama Geolandar CV G058	64	\$200	↓	↑	↓	↑	↑	↑	↑	↓	↓	↑	70,000
Nexen Roadian GTX	61	\$155	↓	↑	↓	↑	↑	↑	↑	↓	↑	↑	50,000
Nokian One	61	\$211	↓	↑	↓	↓	↑	↑	↓	↓	↓	↑	60,000
Nitto NT421Q	60	\$199	↓	↑	↓	↓	↑	↑	↓	↓	↑	↓	65,000
Falken Ziex CT60 A/S	59	\$196	↓	↑	↓	↑	↑	↑	↓	↓	↑	↑	60,000
Bridgestone Alenza AS Ultra	59	\$244	↓	↑	↓	↓	↑	↑	↓	↓	↑	↓	60,000
GT Radial Maxtour LX	58	\$197	-	↑	↓	↑	↑	↓	↓	↑	↑	↑	50,000
Sumitomo Encounter HT2	57	\$189	↓	↑	↓	↓	↓	↑	↑	↓	↑	↓	65,000
Bridgestone Weatherpeak <sup>††</sup>	55	\$233	↓	↓	↓	↓	↑	↑	↑	↑	↓	↑	60,000
Maxxis Bravo HPM3	54	\$198	-	↑	↓	↓	↑	↑	↓	↓	↑	↑	55,000
<b>ALL-SEASON TRUCK</b>													
✓ Continental TerrainContact H/T	67	\$194	↑	↑	↓	↑	↓	↑	↑	↓	↑	↓	70,000
✓ General Grabber HTS60	62	\$201	↓	↑	↓	↓	↑	↑	↑	↓	↑	↑	55,000
✓ Vredestein Pinza HT	61	\$181	↑	↑	↓	↓	↑	↑	↑	↑	↑	↓	55,000
✓ Firestone Destination LE3	59	\$209	↓	↑	↓	↓	↑	↑	↓	↑	↑	↑	60,000
Hankook Dynapro HT	57	\$195	↓	↑	↓	↓	↑	↑	↑	↓	↑	↑	65,000
Falken Wildpeak H/T 02	56	\$219	↓	↑	↓	↓	↑	↓	↓	↓	↑	↓	45,000

<sup>††</sup> All-weather tires.



**TIRES**

Brand + Model	Overall Score	Price Paid	Survey Results	Three-Season Driving				Winter Driving		Comfort		Other	
				Owner Satisfaction	Dry braking	Wet braking	Handling	Hydroplaning	Snow traction	Ice braking	Ride	Noise	Rolling resistance
<b>ALL-SEASON TRUCK</b> <i>Continued</i>													
Nexen Roadian HTX2	56	\$199	↓	↑	↓	↑	↑	↑	↓	↓	↑	60,000	
Maxxis RAZR HT	56	\$189	–	↑	↓	↓	↓	↑	↑	↓	↑	60,000	
Kumho Crugen HT51	56	\$185	↓	↑	↓	↓	↓	↑	↓	↓	↑	60,000	
Goodyear Wrangler Steadfast HT	56	\$213	↓	↑	↓	↓	↑	↓	↓	↓	↓	55,000	
Nokian One HT	54	\$199	↓	↑	↓	↓	↑	↑	↓	↓	↑	50,000	
Yokohama Geolandar H/T G056	50	\$186	↓	↑	↓	↓	↓	↓	↓	↓	↑	65,000	
GT Radial Adventuro HT	49	\$179	–	↑	↓	↑	↓	↓	↓	↓	↑	55,000	
Nitto Dura Grappler	48	\$189	↓	↑	↓	↓	↓	↓	↓	↓	↓	65,000	
<b>ALL-TERRAIN TRUCK</b>													
✓ Continental TerrainContact A/T	63	\$269	↑	↑	↓	↓	↑	↑	↓	↓	↑	65,000	
✓ Michelin LTX A/T2	63	\$277	↑	↓	↓	↓	↑	↑	↓	↓	↑	80,000	
✓ Vredestein Pinza AT	59	\$179	↑	↑	↓	↓	↑	↑	↓	↓	↑	60,000	
✓ Hankook Dynapro AT2 Xtreme	56	\$211	↑	↑	↓	↓	↑	↑	↓	↓	↑	70,000	
✓ Bridgestone Dueler A/T Revo 3	56	\$249	↓	↑	↓	↓	↑	↑	↓	↓	↑	50,000	
✓ Goodyear Wrangler All-Terrain Adventure	55	\$232	↑	↑	↓	↓	↓	↑	↑	↓	↓	50,000	
✓ Nexen Roadian ATX	55	\$208	↓	↑	↓	↓	↑	↑	↓	↓	↑	55,000	
✓ Firestone Destination A/T2	55	\$232	↑	↑	↓	↓	↑	↑	↓	↓	↑	60,000	
✓ Toyo Open Country AT III	55	\$248	↑	↑	↓	↓	↑	↑	↓	↓	↓	65,000	
Kumho Road Venture AT52	55	\$189	↓	↑	↓	↓	↑	↑	↓	↓	↑	60,000	
Nokian Outpost AT	54	\$227	↑	↑	↓	↓	↑	↑	↓	↓	↓	50,000	
Yokohama Geolandar A/T G015	53	\$194	↑	↑	↓	↓	↑	↑	↓	↓	↓	50,000	
Falken Wildpeak A/T3W	53	\$209	↑	↑	↓	↓	↑	↓	↓	↓	↓	45,000	
Mickey Thompson Baja Boss A/T	51	\$233	–	↑	↓	↓	↑	↑	↓	↓	↓	50,000	
Maxxis RAZR AT	49	\$209	–	↑	↓	↓	↑	↑	↓	↓	↑	45,000	
Pirelli Scorpion AT Plus	49	\$194	↓	↑	↓	↓	↑	↑	↓	↓	↑	45,000	
GT Radial Adventuro ATX	46	\$191	–	↑	↓	↓	↑	↑	↓	↓	↓	50,000	
Nitto Terra Grappler G2	45	\$210	↑	↑	↓	↓	↑	↑	↓	↓	↓	60,000	
<b>UHP ALL-SEASON</b>													
✓ Michelin Pilot Sport All Season 4	73	\$189	↑	↑	↑	↑	↑	↑	↓	↓	↓	60,000	
✓ BFGoodrich g-force Comp-2 A/S plus	73	\$159	↓	↑	↑	↑	↑	↑	↓	↓	↓	60,000	
✓ Vredestein HyperTrac All Season	70	\$146	↑	↑	↓	↑	↑	↑	↓	↓	↓	60,000	



**TIRES**

Brand + Model	Overall Score	Price Paid	Survey Results	Three-Season Driving				Winter Driving		Comfort		Other	
				Owner Satisfaction	Dry braking	Wet braking	Handling	Hydroplaning	Snow traction	Ice braking	Ride	Noise	Rolling resistance
<b>UHP ALL-SEASON</b> <i>Continued</i>													
✓ Continental ExtremeContact DWS 06 Plus	70	\$158	↑	↑	↑	↑	↑	↑	↑	↓	↓	↓	60,000
Yokohama Advan Sport A/S +	66	\$131	↓	↑	↓	↓	↑	↓	↑	↓	↑	↓	65,000
General G-Max AS-05	65	\$149	↓	↑	↓	↑	↑	↓	↑	↓	↑	↓	55,000
Goodyear Eagle Exhilarate	65	\$183	↓	↑	↑	↑	↑	↑	↓	↓	↑	↓	40,000
Kumho Ecsta PA51	63	\$140	↓	↑	↓	↑	↑	↓	↓	↓	↑	↓	50,000
Bridgestone Potenza RE980+	63	\$170	↓	↑	↓	↑	↑	↑	↓	↓	↑	↓	55,000
Cooper Zeon RS3G1	63	\$144	↓	↑	↓	↑	↑	↓	↓	↓	↑	↓	55,000
Toyo Proxes Sport A/S	60	\$159	↓	↑	↓	↑	↑	↓	↓	↓	↑	↓	45,000
Hankook Ventus S1 Noble 2	58	\$149	↓	↑	↓	↓	↑	↓	↓	↓	↓	↓	45,000
Toyo Celsius Sport	58	\$189	↓	↓	↓	↓	↑	↑	↓	↓	↓	↓	50,000
Atlas Force UHP	57	\$101	–	↑	↓	↑	↑	↓	↓	↓	↑	↓	50,000
Sumitomo HTR A/S P03	55	\$139	↓	↑	↓	↓	↑	↑	↑	↓	↓	↓	50,000
Armstrong Blu-Trac HP	55	\$117	–	↑	↓	↑	↑	↓	↓	↓	↑	↓	35,000
GT Radial Champiro UHP AS	54	\$126	–	↑	↓	↓	↑	↓	↓	↓	↑	↓	45,000
Riken Raptor ZR A/S	54	\$104	–	↑	↓	↓	↑	↓	↑	↓	↓	↓	65,000
Nexen N'Fera AU7	53	\$135	↓	↑	↓	↑	↑	↓	↓	↓	↑	↓	45,000
Sailun Atrezzo SVA1	48	\$108	–	↑	↓	↑	↑	↓	↓	↓	↑	↓	35,000
<b>UHP SUMMER</b>													
✓ Michelin Pilot Sport 4S	79	\$220	↑	↑	↑	↑	↑	NA	NA	↓	↑	↓	40,000
✓ Continental ExtremeContact Sport 02	75	\$200	↓	↑	↑	↑	↑	NA	NA	↓	↑	↓	35,000
✓ General G-Max RS	72	\$144	↓	↑	↑	↑	↑	NA	NA	↓	↑	↓	35,000
Bridgestone Potenza Sport	71	\$189	↓	↑	↓	↑	↑	NA	NA	↓	↑	↓	45,000
Yokohama Advan Apex	71	\$143	↓	↑	↓	↑	↑	NA	NA	↓	↑	↓	45,000
Hankook Ventus S1 evo3	69	\$216	↑	↑	↓	↑	↑	NA	NA	↓	↑	↓	35,000
Firestone Firehawk Indy 500	67	\$149	↓	↑	↓	↑	↑	NA	NA	↓	↓	↓	45,000
Toyo Proxes Sport	66	\$148	↑	↑	↓	↑	↑	NA	NA	↓	↑	↓	30,000
Nexen N'Fera SU1	65	\$144	↓	↑	↓	↑	↑	NA	NA	↓	↑	↓	40,000
Sumitomo HTR Z5	65	\$147	↓	↑	↑	↑	↑	NA	NA	↓	↑	↓	35,000
Nitto NT555 G2	59	\$154	↓	↑	↓	↓	↑	NA	NA	↓	↑	↓	65,000
<b>WINTER / SNOW</b>													
✓ Nokian Hakkapeliitta R5	75	\$189	↑	↓	↓	↓	↓	↑	↑	↓	↓	↑	NA
✓ Continental VikingContact 7	71	\$203	↓	↓	↓	↓	↓	↑	↑	↑	↑	↑	NA



**TIRES**

Brand + Model	Overall Score	Price Paid	Survey Results Owner Satisfaction	Three-Season Driving				Winter Driving		Comfort		Other	
				Dry braking	Wet braking	Handling	Hydroplaning	Snow traction	Ice braking	Ride	Noise	Rolling resistance	Tested tread life, miles
<b>WINTER / SNOW</b> <i>Continued</i>													
✓ Michelin X Ice Snow	71	\$189	↑	↓	↓	↓	↓	↑	↑	↓	↓	↑	NA
✓ Bridgestone Blizzak WS90	69	\$169	↑	↑	↓	↓	↓	↑	↑	↑	↓	↓	NA
✓ Toyo Observe GSi-6	65	\$166	↑	↓	↓	↓	↓	↑	↑	↓	↑	↑	NA
✓ General Altimax Arctic 12	64	\$168	↓	↓	↓	↓	↑	↑	↑	↓	↑	↑	NA
✓ Nexen Winguard Winspike 3	64	\$159	↓	↓	↓	↓	↑	↑	↑	↓	↓	↑	NA
Falken WinterPeak F-ice 1	63	\$139	↓	↓	↓	↓	↑	↑	↑	↓	↓	↓	NA
Sumitomo Ice Edge	58	\$179	↓	↓	↓	↓	↑	↑	↑	↓	↓	↑	NA
Firestone WinterForce 2	56	\$139	↓	↓	↓	↓	↑	↑	↑	↓	↓	↓	NA
Laufenn I Fit Ice	56	\$159	–	↓	↓	↓	↑	↑	↓	↓	↓	↓	NA
<b>PERFORMANCE WINTER/SNOW</b>													
✓ Bridgestone Blizzak LM005	75	\$278	↑	↑	↓	↓	↑	↑	↑	↓	↑	↓	NA
✓ Hankook Winter i*cept evo 3	75	\$203	↓	↓	↓	↓	↑	↑	↑	↓	↑	↓	NA
✓ Vredestein Wintrac Pro	74	\$179	↑	↓	↓	↑	↑	↑	↑	↑	↑	↓	NA
✓ Michelin Pilot Alpin PA4	74	\$229	↑	↓	↓	↑	↑	↑	↑	↑	↑	↓	NA
Falken Eurowinter HS01	72	\$139	↓	↑	↓	↓	↑	↑	↑	↓	↓	↓	NA
Nexen Winguard Sport 2	70	\$137	↓	↓	↓	↓	↑	↑	↑	↓	↓	↓	NA
Toyo Observe Gsi-6 HP (V)	68	\$191	↑	↓	↓	↓	↑	↑	↑	↑	↓	↓	NA
<b>WINTER / SNOW TRUCK</b>													
✓ Nokian Hakkapeliitta R5 SUV	75	\$246	↑	↓	↓	↓	↓	↑	↑	↓	↓	↑	NA
✓ GT Radial IcePro SUV3	71	\$155	–	↑	↓	↓	↓	↑	↑	↓	↓	↑	NA
✓ Bridgestone Blizzak DM-V2	68	\$194	↑	↓	↓	↓	↓	↑	↑	↑	↓	↑	NA
✓ Nexen Winguard Winspike3	65	\$169	↓	↑	↓	↓	↓	↑	↑	↓	↓	↑	NA
✓ General Grabber Arctic	65	\$185	↓	↓	↓	↓	↑	↑	↑	↓	↑	↑	NA
Arctic Claw WX1	62	\$157	–	↓	↓	↓	↑	↑	↑	↓	↓	↓	NA
Falken Espia EPZ II SUV	61	\$191	↓	↓	↓	↓	↓	↑	↑	↓	↑	↑	NA
Firestone WinterForce 2 UV	60	\$164	↓	↓	↓	↓	↑	↑	↑	↓	↓	↑	NA

**HOW WE TEST:** Overall Score is based on about a dozen tests, with braking, handling, and hydroplaning resistance more heavily weighted for many tires. Price is what we paid for the tire in our test size at the time of test. Owner satisfaction reflects the likelihood of CR members getting their tires again,

considering all factors. Findings are from CR's 2021-2023 Fall Quarterly Surveys. In cases where we have insufficient survey data to provide a brand-level rating, indicated by a gray dash (–), the model gets weighted category average scores for satisfaction. Braking tests on ice are from 10 mph; on dry and wet

pavement, from 60 to 0 mph. Handling combines how well a tire performed in the wet-handling test, steering feel, and an emergency handling maneuver. Hydroplaning denotes a tire's ability to resist skimming along the surface of standing water. Snow Traction tests denote how far a vehicle has to travel

to accelerate from 5 to 20 mph on moderately packed snow. Ride and Noise are evaluated subjectively on rough and smooth roads. Rolling Resistance, as measured by a dynamometer, is a factor in fuel economy. Treadwear is projected from a 16,000-mile vehicle test run on public roads in Texas for many tires.



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