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Whether you're looking to get more performance out of your home network, extend your range or support more devices at the same time, investing in one of the best Wi-Fi routers will make your life easier. To determine which Wi-Fi routers are the truly the best, we put them through extensive real-world testing. This includes running benchmarks at multiple data rates, both speed and latency. Plus, we evaluate how well each router performs in a real-world home. Based on our extensive testing and data-munching, the best Wi-Fi routers are the Asus RT-BE96U. It uses the latest Wi-Fi standard for the fastest possible speed and lowest latency, while delivering blazing throughput in our tests with a range of over 100 feet. If you're on a budget, the TP-Link Archer AX55 is a great value pick, offering strong speeds over Wi-Fi 6 for under \$100. There are lots of other great Wi-Fi routers we recommend for different use cases based on our reviews, including mesh systems for complete home coverage and gaming routers for the smoothest performance. These are the best Wi-Fi routers you can buy right now. Click to view more options...

Why you can trust Tom's GuideOur writers and editors spend hours analyzing and reviewing products, services, and apps to help find what's best for you. Find out more about how we test, analyze, and rate.Best Wi-Fi router overallImage credit: Tom's Guide(Image credit: Tom's Guide/Image credit: Tom's Guide)Buy it if You want a futureproof Wi-Fi router: The Asus RT-BE96U comes with Wi-Fi 7 on board so you won't need to upgrade anytime soon if you get this router. You don't want to pay extra for security software: Asus includes itsAiProtection security software free of charge which is based on Trend Micros antivirus software.Don't buy it ifYou don't have gigabit internet: A powerful Wi-Fi 7 router just doesn't make sense if your internet speeds are less than a gigabit. Price is a big concern: At \$700 the Asus RT-BE96U is on the expensive side. If you're on a budget just wait at cheaper Wi-Fi 7 routers are coming)The Asus RT-BE96U is a blazing fast Wi-Fi 7 router that checks all the boxes, though it is on the expensive side at \$699. For the price though, you're getting a tri-band router with built-in security software and excellent range. The Asus RT-BE96U has eight antennas at the top which can be rotated or angled for a better signal. The device itself sports a sleek, all-black design with a sturdy 7.7-inch top to let you know this is a Wi-Fi 7 router after a moment's glance. The Archer BE96U is for its excellent specs and for its testing, this router delivered 8.5 Gbps at 15 feet and was able to reach a maximum even when our test subjects moved 105 feet away. The router has four ports including several multi-gigabit ports. With the Archer RT-BE96U, you'll get 10 Gbps and 2.5 Gbps LAN ports, and four 10 Gbps ports for connecting to your devices. If you're looking for more speed and want a reliable router you can use for years to come, the Asus RT-BE96U is currently your best option. Read our full Asus RT-BE96U review.Best budget Wi-Fi routerImage credit: Tom's Guide(Image credit: Tom's Guide/Image credit: Tom's Guide)Buy it if You want an inexpensive Wi-Fi 6 router: With a list price of just over \$100 and the fact that's often on sale, the TP-Link Archer AX55 is a very affordable Wi-Fi 6 router. You want a small, compact router: At 10.2 x 5.2 x 1.5-inches, the Archer AX55 is quite small for a Wi-Fi 6 router and won't take up too much space in your home.Don't buy it if You have a larger home or apartment: The Archer AX55 did well at short distances in our speed tests but fell off at mid-distances making it a less than ideal choice for larger spaces. You want the latest wireless tech: This is a Wi-Fi 6 router and doesn't come with the faster 6 GHz band available with Wi-Fi 6E or Wi-Fi 7. The TP-Link Archer AX55 is a Wi-Fi 6 bargain with a list price of just \$130. However, you can often find it on sale for just over \$100. For the price, you're getting a small and easy to hide Wi-Fi 6 router with excellent range, lots of setup options and a 2-year warranty. The TP-Link Archer AX55 is a dual-band router with four antennas that can also be repositioned for a better signal. During our testing, the TP-Link Archer AX55 was able to reach speeds of 823.7 Mbps at a distance of 15 feet and it had an overall range of 110 feet. On the back, you'll find a single gigabit WAN port along with four gigabit LAN ports as well as a USB 3.0 port for moving data across your network. The TP-Link Archer AX55 has an all-black design with some cutouts at the top and soft rubber feet on the bottom. If you're after a quick, easy and inexpensive upgrade for your home network, the TP-Link Archer AX55 will more than do the trick. Read our full TP-Link Archer AX55 review.Best Wi-Fi mesh systemImage credit: Tom's Guide(Image credit: Tom's Guide/Image credit: Tom's Guide)Buy it if You have a multi-gig internet plan: The Orbi 870 is a great choice for people with multi-gigabit internet plans as the main router has a 10 Gbps input port while the satellites each have four 2.5 Gbps output ports. You have a huge house: Each Orbi 870 device has a range of 3,000 square feet and a three-pack can cover up to 9,000 square feet. Don't buy it if You're on a budget: At \$1,300 for a three-pack, this mesh Wi-Fi system carries a premium price like the rest of Netgear's Orbi lineup. You want free tech support: Netgear only includes 90 days of free tech support. After that, you'll have to pay. The Netgear Orbi 870 is one of the best mesh Wi-Fi systems you can get right now. While it isn't as fully featured as our previous top mesh router, the Orbi 970, it is smaller and more affordable, though it still carries a premium price. If you have the money, a multi-gig internet plan and a large house, this is probably the mesh system for you.The Orbi 870 can cover up to 9,000 square feet with a three-pack but a two-pack can cover 6,000 square feet. At a distance of 15 feet, this Wi-Fi 7-powered mesh system delivered 1.82 Gbps of throughput which isn't far off from the 2 Gbps high mark set by its larger and significantly more expensive sibling the Orbi 970.Each unit has 8 high-performance antennas for 360 degree Wi-Fi coverage and four 2.5 Gbps Ethernet ports. However, the main unit which serves as the router also comes equipped with a 10 Gbps input port. Unlike the Orbi 970 though, this mesh Wi-Fi system is a tri-band one which gives you access to the 2.5, 5 and 6-GHz bands. There isn't another additional band for wireless backhaul between the router and the satellites but this does help keep the cost down with the Orbi 870.During testing, one of the things that impressed Brian Nadel who reviewed this mesh Wi-Fi system was how well it handled medium to long distances where many other mesh routers suffer a steep performance drop. The Orbi 870 maintained excellent speeds at a range of both 50 and 75 feet while even outperforming the more expensive Archer 970. If you want the speeds and performance that Netgear's Orbi devices are known for, you'll want to go for the Orbi 870. It's a great choice for people with multi-gigabit internet plans as the main router has a 10 Gbps input port while the satellites each have four 2.5 Gbps output ports. You have a huge house: Each Orbi 870 device has a range of 3,000 square feet and a three-pack can cover up to 9,000 square feet. 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loads more.Design4Packs 3 bands, 8 streams, and a pair of USB ports.Setup4Requires a few added steps you dont normally see at the top of the page.Ease of use4Presented as one of the best web interfaces weve seen to date.* out of 5 pointsWhat we like about it: The GT-AX11000 is a gaming router at heart, and there are plenty of gaming features to be had here. It also has free parental controls, free security, media sharing, and VPN tools.What we wish it did better: We have issues with the antennas, as some refused to stand upright no matter how hard we tightened them.Why do we recommend it? You dont need to be a gamer to love the GT-AX11000. It has great speeds even at long range and tons of great features you may or may not even use. It works with other ASUS gaming gear too. Tested speeds at a glance5 GHz max speed2 feet40 feet120 feet1,200848642260* Speeds in megabits per second (Mbps) using a Wi-Fi 6 client and an 80 MHz channel. See our Benchmarks section for more speed results from our testing. Wi-Fi specsWired specsStandard: Wi-Fi 6Max throughput: 11,000MbpsAntennas: 8Streams: 12Bands: 3WAN ports (1Gbps): 1WAN/LAN ports (12.5Gbps): 1LAN ports: 4USB 3.2 ports: 2Max internet speed supported: ~2,370Mbps *Amazon.co price (as of 8/19/24 11:15 MST). Read full disclaimer. You can mount the Deco X50-PoE on a wall or on the ceiling.Each Deco X50-PoE unit includes a mounting bracket you can slide on and off.The Deco X50-PoE includes all the screws and washers you need.Each Deco X50-PoE unit provides one Gigabit and one 2.5G Ethernet port.The Deco X50-PoE is best for business, but you can use it in homes too. The new Deco app is a vast improvement over the previous version.CategoryScore*SummaryPerformance4Has good speeds for a mesh system based on our testing.Features3Includes some free basic parental controls but requires a subscription for more.Design4Supports Power over Ethernet networking and multi-gig internet.Setup4Leads novice users through a step-by-step installation.Ease of use4Offers an improved user experience thanks to a major Deco app update.* out of 5 pointsWhat we like about it: The Deco X50-PoE has decent speeds, even at a long range. Youll find some nice callouts here, too, like free basic parental controls and PoE networking.What we wish it did better: You can set the 5 GHz channel width, but you cant change the channel. This limitation may be problematic if other networks bombard you.Why do we recommend it? The Deco X50-PoE is the ideal mesh networking system for business, but its also great for homes that need Wi-Fi in areas without a power outlet. The free basic parental controls are also nice, but thats it in features without a subscription. Tested speeds at a glance5 GHz max speed2 feet40 feet120 feet1,20082136683* Speeds in megabits per second (Mbps) using a Wi-Fi 6 client and an 80 MHz channel. See our Benchmarks section for more speed results from our testing. Wi-Fi specsWired specsStandard: Wi-Fi 6Max throughput: 3,000MbpsAntennas: 8Streams: 4Bands: 2WAN/LAN ports (2.5Gbps): 1LAN ports (1Gbps): 1Max internet speed supported: ~2,370Mbps The TP-Link Archer AX11000 is our top pick router for speed. It doesnt have the absolute fastest wireless speeds under the sun, but its ideal if you have a multi-gig internet connection. Plus, the eight LAN ports are ideal if you mainly want to avoid Wi-Fi altogether;you can even link two of them together for a 2Gbps wired connection. The free antivirus and premium parental tools round out a great package for the money. Amazon.com Prices as of 8/19/24 11:15 MST. Product prices and availability are accurate as of the date/time indicated and are subject to change. Any price and availability information displayed on Amazon.com at the time of purchase will apply to the purchase of this product. Highspeedinternet.com utilizes paid Amazon links.CERTAIN CONTENT THAT APPEARS ON THIS SITE COMES FROM AMAZON. THIS CONTENT IS PROVIDED AS IS AND IS SUBJECT TO CHANGE OR REMOVAL AT ANY TIME. Author - Kevin Parrish Kevin Parrish has more than a decade of experience working as a writer, editor, and product tester. He began writing about computer hardware and soon branched out to other devices and services such as networking equipment, phones and tablets, game consoles, and other internet-connected devices. His work has appeared in Toms Hardware, Tom's Guide, Maximum PC, Digital Trends, Android Authority, How-To Geek, Lifewire, and others. At HighSpeedInternet.com, he focuses on network equipment testing and review. Editor - Rebecca Lee Armstrong Rebecca Lee Armstrong has more than six years of experience writing about tech and the internet, with a specialty in hands-on testing. She started writing tech product and service reviews while finishing her BFA in creative writing at the University of Evansville and has found her niche writing about home networking, routers, and internet access at HighSpeedInternet.com. Her work has also been featured on Top Ten Reviews, MacSources, Windows Central, Android Central, Best Company, TechnoFAQ, and iMore. Best Wi-Fi Routers 2025(Image credit: Shutterstock)Your Wi-Fi router is at the heart of your daily computing experience. You can have the best CPU and the best graphics card on the market, but most workloads, from gaming to productivity, use an internet connection. So, if your router is less than ideal, you will leave real-world performance and usability on the table for any device not connected via Ethernet. Even if your internet connection is 300 Mbps and your router claims to be capable of 1,200 Mbps, you may not get full speed.Fortunately, you dont need to spend a lot of money to purchase a router thats more than adequate for even a mid-sized home. Below, well list the best Wi-Fi 6E, and 7 routers based on our testing, and some of these cost less than \$100.Quick List Best Wi-Fi Routers You Can Buy TodayWhy you can trust Tom's HardwareOur expert reviewers spend hours testing and comparing products and services so you can choose the best for you. Find out more about how we test.Best Wi-Fi Router for Most People(Image credit: Tom's Hardware)For the past few years, Wi-Fi 6 routers have been the sweet spot for value for price-sensitive consumers its easy to find them for around \$100 or less. However, TP-Link is turning that notion upside down with its Archer BE3600, which is a Wi-Fi 7 router with a price tag of \$99.Before we get ahead of ourselves, we should temper your expectations by mentioning that that is a dual-band Wi-Fi 7 router, meaning that it lacks the speedy 6 GHz band. This is what allows TP-Link to hit sub-\$100 pricing for the Archer BE3600. However, you do still get support for Multi-Link Operation (MLO) and 4K-QAM.Once you get past the lack of the 6 GHz band, 5 GHz performance is quite strong for this budget router. Our review unit was able to surpass 1 Gbps on the 5 GHz band, and it even topped 200 Mbps on the 2.4 GHz band at 6-foot and 25-foot distances.Besides the respectable wireless performance, the Archer BE3600 also comes equipped with a pretty stout (for its price) assortment of ports on the back. Youll find one 2.5 Gbps port for WAN and one 2.5 Gbps port for LAN, plus three 1 Gbps LAN. Theres even a single USB 3.0 port for sharing your external storage wirelessly over a network.Read: TP-Link Archer BE3600 Wi-Fi 7 Router ReviewBest Wi-Fi 6E Router(Image credit: Tom's Hardware)If youre willing to spend closer to \$200, the MSI RadiX AXE6600 is a fantastic choice. This Wi-Fi 6E router delivers really strong throughput on the 6-GHz band, which is exclusive to 6E (and Wi-Fi 7) routers. On our iPerf network tests, the RadiX AXE6600 achieved speeds of up to 532 Mbps, nearly 200 Mbps ahead of its nearest competitor. Those numbers shrank a bit at far distances, but you cant get much faster when you have a solid connection.At 5 GHz, the RadiX was also strong at near connections, hitting a rate of 486 Mbps, the best we tested. But those numbers dropped a bit when we moved farther away or introduced a lot more network traffic. The routers 2.4-GHz performance was mediocre, but if youre looking for high speeds, youd use the 5 or 6-GHz band for your device.The RadiX AXE6600 also has a great web control panel, filled with great information about your router, even the CPU and memory consumption, two things we rarely even look at on a router. MSIs router also has a plethora of RGB lights, but to customize them, youll need to use the MSI Center software on your PC.Read: MSI RadiX AXE6600 Wi-Fi 6E ReviewBest Wi-Fi 7 Router(Image credit: Tom's Hardware)If you want lightning-fast speeds that can handle your growing number of Wi-Fi 7 devices, look no further than the Asus RT-BE96U. In our wireless testing, we measured throughput of over 3 Gbps, putting it even ahead of the more expensive ASUS ROG Rapture GT-BE98 Pro Wi-Fi 7 router.Although it doesnt have as many high-speed ports as the ROG Rapture GT-BE98 Pro, you still get two 10 Gbps ports (one for LAN, one for WAN) and four 1 Gbps ports. You also get a USB 2.0 and USB 3.0 port, which can be used to tether to a smartphone. That's right, you can connect to your smartphone and use its cellular connectivity to provide internet access to your entire home in case of a service outage by your cable or fiber provider.Asus provides a full suite of software features to help you get the most performance (and functionality) out of the router, including comprehensive parental controls, advanced guest network configurations, adaptive QoS, and remote access to the drives plugged into the USB ports.All of this performance and features dont come cheap, with an MSRP of \$700, but that's still \$100 cheaper than the ROG Rapture GT-BE98 Pro.Read: Asus RT-BE96U Wi-Fi 7 ReviewBest Wi-Fi 7 Mesh Router(Image credit: Tom's Hardware)The Asus ZenWiFi BQ16 Pro is the overachiever in the Wi-Fi 7 router world, thanks to strong performance across the board, especially on the 6 GHz band. You, of course, get access to the full Wi-Fi 7 spec, including MLO, 4K-QAM, and support for 320 MHz channeling.We observed over 3.5 Gbps in throughput on the 6 GHz band at 6-foot distances, which dropped to around 1.9 Gbps at 25 feet. Those are the fastest wireless speeds weve seen yet from a wireless router. Even 5 GHz performance saw speeds reach over 1.6 Gbps.You get a router and one satellite in the box, both featuring one 10 Gbps WAN, one 10 Gbps LAN, and three 1 Gbps LAN. We would have liked to have seen those 1 Gbps LAN ports upgraded to 2.5 or 5 Gbps, given the \$1,100+ price tag of the mesh system. With that said, Asus packed the ZenWiFi BQ16 Pro with a wealth of features, including Dual WAN capabilities, MLO aggregation for the wireless backhaul, wired backhaul support, and even cellular internet support via a connected smartphone via the USB 3.0 port. Throw in Asus comprehensive AsusWRT 5.0 software platform and you have a winning combination for a fast, full coverage Wi-Fi 7 mesh network.With a street price of over \$1,100, the ZenWiFi BQ16 Pro is aimed at enthusiasts who want the most out of their wireless network, and you wont be disappointed.Read: Asus ZenWiFi BQ16 Pro Wi-Fi 7 Mesh Router ReviewBest Wi-Fi 7 Mesh Value(Image credit: Tom's Hardware)TP-Links Deco BE63 is a value-priced Wi-Fi 7 mesh router that should provide more than enough performance for most general consumers. For just \$299 for a two-pack, and with ongoing discounts that can bring the price down to as low as \$240, youd be remiss to leave the BE63 off your radar.We tested a BE63 two-pack, but you can also purchase a three-pack if you need additional coverage. The two-pack covers 5,800 square feet, while the three-pack boosts that coverage to 7,600 square feet. Each BE63 node comes with four 2.5 GbE ports and a USB 3.0 port for storage. You can also control 2.4 GHz, 5 GHz, and 6 GHz bands (across primary, IoT, and guest networks), access a comprehensive set of parental controls, and integrate a VPN via an easy-to-use smartphone and tablet app.While the 2.4 GHz performance of the BE63 was slightly lower compared to its competitors, its 5 GHz and 6 GHz performance ranked near the top of the class. We achieved nearly 2,000 Mbps download speeds at close range, both with uncongested and congested traffic on the BE63.Overall, the BE63 is an excellent bargain among tri-band Wi-Fi 7 routers, especially considering its sub-\$300 pricing.Read: TP-Link Deco BE63 Wi-Fi 7 Mesh Router ReviewWhat to Look for in a Wi-Fi RouterWi-Fi 6, 6E or 7? If you can spend the extra money (usually in the \$200+ range), you get an additional band, 6 GHz, with a Wi-Fi 6E router and some added throughput. However, the best value for the money lies at Wi-Fi 6, where you can get a really good router for less than \$100. Wi-Fi 7 is significantly faster but its bleeding edge and costs at least \$500, and most devices dont support it yet.Control panel software? The traditional way to set up a router is using a web-based interface from a computer. Many routers can be controlled via smartphone apps, but we recommend avoiding any model that can only be set up via an app. That limits your ability to configure the router when your phone is not around and could force you to reset the router if you lose or wipe your phone.Mesh or not Mesh? Some routers are part of a mesh system that allows you to place one or more satellites in locations around your home in order to boost far connectivity. However, mesh networking devices cost more and the satellites can introduce latency into the network when you connect to them. So if you dont have a huge home or connectivity issues on different floors, we recommend sticking with a single router.How We Test Wi-Fi RoutersHow We Test Wi-Fi RoutersTo see how each router performs in the real world, we go through the setup process and test out its control panel software and any mobile apps you can use to control it. We then use benchmarks to determine both throughput and latency.To measure throughput speeds, we use iPerf3, a tool that transfers packets on the local network between a server PC, which we connect to the router via Ethernet, and a client device that we use wirelessly. We use a local server rather than hitting one on the Internet, because we dont want to be limited by the bandwidth of our Internet connection, which can vary even from one moment to the next.Perhaps because we are dealing with both a client and a server or because theres a lot of hype when it comes to router speeds, the throughput numbers we get on iPerf3 are always much lower than the theoretical maximums that vendors advertise. For example, while Wi-Fi 6E boasts theoretical speeds of 9.6 Gbps, we never saw one go above 1,000 Mbps. And, in most cases, we got 500 Mbps or lower. On Wi-Fi 6 connections, we saw speeds in the 250 to 400 Mbps range and, on 2.4-GHz channels, those numbers were usually in the 50 to 150 Mbps range.With iPerf3, we test all devices at both a near (5 feet or so) and far (25 feet or so) distance from the router. We also test under both uncongested (only device using the network) and congested (other devices sapping bandwidth) conditions. We benchmark on every band that the router supports (2.4 GHz, 5 GHz and 6 GHz). Note that 6 GHz is only supported by Wi-Fi 6E and Wi-Fi 7.If youre gaming, latency may actually be more important than throughput, because youre not usually transferring a ton of data when you play. What you are doing is sending your movements to the server and getting a response back so that process has to be quick. We measure latency by pinging our local server under all the same conditions that we use for throughput (near, fear, congested and uncongested).Latency is measured in milliseconds and can go anywhere from 2 milliseconds up to 20+ milliseconds. Lower is better.

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