What model router should I use for fiber optic internet



Overview

In this guide, I''ll rank the best routers for fiber internet based on their performance, features, ease of use, and affordability.

Key Takeaways

For fiber optic internet, routers with Wi-Fi 6 or Wi-Fi 7, multi-gig Ethernet ports, and strong coverage are ideal, with top options including the Netgear Nighthawk RS700S, ASUS ROG GT-AXE16000, and TP-Link Archer AX55. Key Considerations1.

Wi-

Fi Standard: Fiber internet can deliver speeds of 1 Gbps or higher, so a router supporting Wi-Fi 6 (AX) or Wi-Fi 7 is essential to fully utilize your connection without bottlenecks.

Wi-

Fi 7 routers, like the Netgear Nighthawk RS700S, offer faster speeds and better handling of multiple devices. 2.

Speed and LA

N Ports: Look for routers with multi-gig Ethernet ports and LAN aggregation support if you plan to connect wired devices. This ensures stable, high-speed connections for gaming, streaming, or work. A minimum of 1 Gbps support is recommended for fiber plans of 100 Mbps or higher.

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3. Coverage and Range: Choose a router that matches your home size. For large homes, mesh systems like the Linksys Velop AX4200 provide whole-home coverage without dead zones.

Dual-band or tri-band routers help manage multiple devices efficiently. 4. Device Capacity: High-performance routers can handle dozens of devices simultaneously.

For example, the Netgear Nighthawk RS700S supports up to 200 devices across 3,500 square feet. 5. Additional Features: Security features like WPA3, VPN support, and malware protection are important for safe browsing.

Some routers, like the RS700S, include subscriptions to security suites for enhanced protection. Features like MU-MIMO and OFDMA improve performance for multiple devices.

Recommended Routers

Netgear Nighthawk RS700S (Wi-Fi 7): Best overall for multi-gig fiber, wide coverage, and high device capacity.

ASUS RO

G GT-AXE16000: Ideal for gamers, offering ultra-low latency and high throughput. TP-Link Archer AX90: Balances price and performance for mid-range users. TP-Link Archer AX55: Budget-friendly Wi-Fi 6 option for smaller homes.

Linksys Velop AX4200: Mesh system for whole-home coverage without dead zones.

Conclusion

When choosing a router for fiber optic internet, prioritize Wi-Fi 6/7 support, multi-gig Ethernet, strong coverage, and device capacity. Your choice should align with your home size, number of devices, and usage patterns, whether for gaming, streaming, or business needs. High-end routers like the Netgear Nighthawk RS700S provide the best performance for multi-gig fiber plans, while budget options like the TP-Link AX55 are suitable for smaller households.

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Do I Need a Modem for Fiber Internet? Nope. With fiber, the ONT replaces the modem entirely. The ONT connects to your provider''s fiber optic network equipment, translates the signal,

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