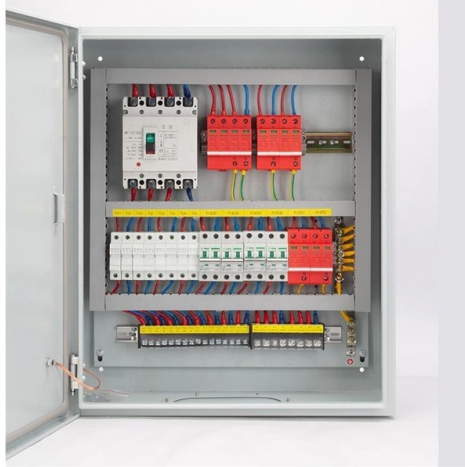


Fiber optic routers with speeds of 100 Mbps or higher



Overview

The Best Routers for Fiber Internet: My Expert Picks With the help of the Cybernews team, I spent hours researching and comparing the best internet routers.

Key Takeaways

For a 100 Mbps fiber optic connection, a router supporting at least 1 Gbps with Wi-Fi 5 or Wi-Fi 6 is recommended to ensure stable and efficient performance. Key Considerations

Speed and Standards: Even though your plan is 100 Mbps, choosing a router that supports higher speeds (1 Gbps or more) ensures future-proofing and stable performance across multiple devices. Wi-Fi 5 (802.11ac) or Wi-Fi 6 (802.11ax) routers are ideal, with Wi-Fi 6 offering better efficiency for multiple connected devices and lower latency . **Coverage and Range:** Select a router based on your home or office size. Dual-band routers provide better coverage and handle multiple devices efficiently. For larger spaces, routers with multiple antennas or mesh systems can help maintain strong signals throughout the area . **LAN Ports:** A router with at least four gigabit Ethernet ports allows direct wired connections for devices like gaming consoles or desktops, ensuring stable speeds without interference . **Advanced Features:** Look for routers with MU-MIMO and beamforming technologies to optimize performance for multiple devices simultaneously. Security features like built-in firewalls, VPN support, and parental controls enhance network safety .



Recommended Routers

- TP-Link AX1800 Archer AX21 – Wi-Fi 6, dual-band, speeds up to 1.8 Gbps, supports multiple devices with MU-MIMO and beamforming, easy setup via TP-Link Tether app .
- NETGEAR Nighthawk RAX43 – Wi-Fi 6, dual-band, high-speed performance, robust coverage, suitable for streaming, gaming, and smart home devices .
- NETGEAR Nighthawk Tri-Band Wi-Fi 7 Router (RS700S) – Wi-Fi 7, tri-band, ultra-fast speeds up to 1,900 Mbps, ideal for high-demand applications like UHD streaming, gaming, and AR/VR, with advanced security features .
- TP-Link AC1200 (Archer A54) – Wi-Fi 5, dual-band, budget-friendly option for general household use, supports 10–20 devices, suitable for streaming and browsing .

Summary

For a 100 Mbps fiber connection, any modern Wi-Fi 5 or Wi-Fi 6 router with gigabit LAN ports will fully utilize your plan while providing stable connectivity for multiple devices. If you want to future-proof your network or plan to upgrade to higher speeds, Wi-Fi 6 or Wi-Fi 7 routers like the NETGEAR RS700S or TP-Link AX21 are excellent choices. Ensure the router matches your coverage needs and includes features like MU-MIMO, beamforming, and security options for optimal performance .

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