

What routers are suitable for a 100M fiber optic connection



Article Overview

For a 100 Mbps fiber connection, a Wi-Fi 6 router with at least 1 Gbps LAN ports is ideal, such as the TP-Link Archer AX55 or Netgear Nighthawk RS700S.

Key Considerations

Speed and Standards: Even though your fiber plan is 100 Mbps, it's recommended to use a router that supports Wi-Fi 6 (AX) or Wi-Fi 7 to ensure future-proofing and optimal performance across multiple devices . Wi-Fi 6 routers handle multiple devices efficiently with technologies like OFDMA and MU-MIMO, reducing latency and improving throughput . **LAN Ports:** Look for a router with at least 4 Gigabit Ethernet ports for wired connections, which ensures stable speeds for gaming, streaming, or desktop PCs . Some high-end routers also support LAN aggregation for faster combined speeds, though this is more relevant for multi-gig plans . **Coverage and Range:** Choose a router that matches your home size. For small to medium homes, a dual-band Wi-Fi 6 router like the TP-Link Archer AX55 is sufficient. For larger homes or multiple floors, consider a high-performance router like the Netgear Nighthawk RS700S, which covers up to 3,500 sq. ft. and supports up to 200 devices . **Security Features:** Modern routers often include WPA3 encryption, built-in firewalls, and malware protection. For example, the RS700S comes with a one-year NETGEAR Armor subscription for enhanced security .

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The Best Router For Fiber Internet in 2026: Reviews & Rankings

The best TP-Link router for fiber optics is the TP-Link Archer C5400X. It is a high-performance router specifically designed to handle

Contact Us

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