

What kind of router should I use for a 100Mbps fiber optic connection



Article Overview

For a 100 Mbps fiber connection, a Wi-Fi 5 or Wi-Fi 6 router with gigabit Ethernet ports is sufficient, offering reliable speeds, coverage, and device support.

Key Considerations

Speed Compatibility: A 100 Mbps fiber plan does not require the latest Wi-Fi 7 routers. A Wi-Fi 5 (802.11ac) or Wi-Fi 6 (802.11ax) router can easily handle this speed without bottlenecks . **Coverage and Home Size:** Choose a router that matches your home size. For medium-sized homes (up to 1,800–2,000 sq. ft.), a single high-quality router is sufficient. For larger homes, consider a mesh system to eliminate dead zones . **Ethernet Ports:** Ensure the router has gigabit Ethernet ports for wired devices, which is ideal for gaming, streaming, or desktop PCs . **Device Support:** Even at 100 Mbps, modern households often have multiple devices. A router that supports 20–30 devices or more ensures stable performance . **Security Features:** Look for routers with built-in security like firewall protection, WPA3 encryption, and automatic firmware updates to protect your network .

Recommended Routers for 100 Mbps Fiber

- TP-Link Archer AX55 (Wi-Fi 6) – Budget-friendly, reliable performance, supports multiple devices, and covers medium-sized homes .
- NETGEAR Nighthawk C7000 (Wi-Fi 5) – Combines modem and router, dual-band, supports up to 30 devices, ideal for medium homes, and includes built-in security .
- ASUS RT-AX55 (Wi-Fi 6) – Affordable, good coverage, and future-proof for slightly...

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Contact Us

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