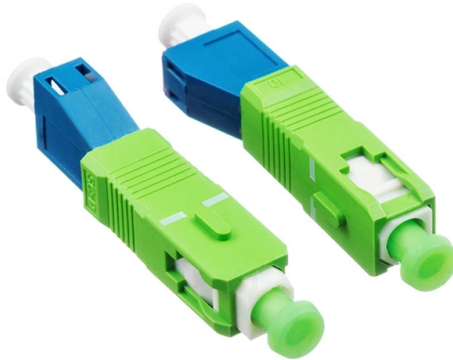


What router should I use for a 20 Mbps fiber optic connection



Article Overview

For a 20 Mbps fiber connection, a mid-range Wi-Fi 5 or Wi-Fi 6 router is sufficient, offering stable coverage and reliable performance without overpaying for high-end gigabit models.

Recommended Router Features

For a 20 Mbps fiber connection, you don't need the latest Wi-Fi 7 or multi-gigabit routers. Focus on these features:

- **Wi-Fi Standard:** Wi-Fi 5 (802.11ac) is adequate, but Wi-Fi 6 (802.11ax) provides better efficiency and future-proofing .
- **Coverage:** Ensure the router covers your home size. For a small to medium home, a single router with 2-3 antennas is sufficient .
- **Device Capacity:** Even with multiple devices, a mid-range router can handle 10-20 devices without issues .
- **Security:** Look for WPA3 support and built-in firewall features for safe browsing .
- **Ethernet Ports:** At least 1-2 LAN ports for wired devices like PCs or smart TVs .

Recommended Models

- **TP-Link Archer AX50 (Wi-Fi 6)** - Offers stable Wi-Fi 6 performance, good coverage, and supports multiple devices efficiently. Ideal for streaming and light gaming.
- **NETGEAR Nighthawk R7000 (Wi-Fi 5)** - Reliable, cost-effective, and sufficient for 20 Mbps fiber. Includes QoS for prioritizing bandwidth....

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