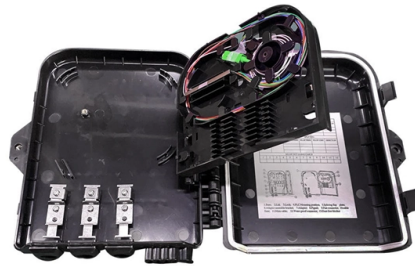


What router should I use for a 1000Mbps fiber optic connection



AI Overview

For 1000 Mbps fiber internet, routers with Wi-Fi 6 or Wi-Fi 7, gigabit Ethernet ports, and strong coverage like the NETGEAR Nighthawk RS700S or Linksys E8450 are ideal.

Top Router Recommendations

- NETGEAR Nighthawk RS700S (Wi-Fi 7)** This router is designed for multi-gig fiber plans and supports speeds up to 1,900 Mbps for gaming, 4K/8K streaming, and UHD video conferencing. It covers up to 3,500 sq. ft., supports up to 200 devices, and includes multi-gigabit Ethernet ports and LAN aggregation for faster wired connections. It also comes with NETGEAR Armor for enhanced security and WPS for easy device setup.
- Linksys E8450 AX3200 (Wi-Fi 6)** Ideal for households or small offices, this dual-band router supports speeds up to 3.2 Gbps and coverage up to 2,500 sq. ft. It can handle over 25 devices simultaneously, offers parental controls, a guest network, and easy browser-based setup. Wi-Fi 6 technology ensures better range and performance for multiple devices.
- TP-Link Archer AX55 (Wi-Fi 6)** A budget-friendly option that delivers reliable gigabit performance, suitable for smaller homes. It supports multiple devices and provides stable Wi-Fi 6 connectivity without the premium price tag.
- ASUS ROG GT-AXE16000 (Wi-Fi 7)** Designed for gamers and high-demand users, this router offers ultra-low latency, tri-band Wi-Fi 7, dual 10 Gbps WAN/LAN ports, and four 2.5G ports. It is ideal for homes with multiple wired workstations or NAS setups.
- Mesh Systems (e.g., Linksys Velop AX4200, Google Nest Wi-Fi)** For large or multi-floor homes, mesh systems provide seamless coverage without dead zones. They are particularly useful if you have many devices spread across different rooms.

Key Considerations

- Wi-Fi Standard:** Wi-Fi 6 or Wi-Fi 7 is recommended to fully utilize 1 Gbps fiber speeds and future-proof your network.
- Ethernet Ports:** Ensure the router...

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