

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



Article Overview

For a 1000 Mbps fiber optic connection, you need a router that supports multi-gig speeds, Wi-Fi 6 or 7, and has robust coverage for multiple devices.

Key Considerations

When choosing a router for a 1 Gbps fiber connection, consider the following:

- **Wi-Fi Standard:** Wi-Fi 6 (802.11ax) or Wi-Fi 7 ensures maximum wireless throughput and efficiency for multiple devices .
- **Ethernet Ports:** Look for at least one 2.5G or 10G WAN port and multiple gigabit LAN ports to fully utilize fiber speeds over wired connections .
- **Coverage:** Ensure the router can cover your home or office size. Tri-band routers or mesh systems are ideal for larger spaces .
- **Advanced Features:** Security features, QoS, and support for gaming or streaming can enhance performance and reliability .

Recommended Routers

- **NETGEAR Nighthawk RS700S (Wi-Fi 7)**
 - Speeds up to 19 Gbps, tri-band Wi-Fi 7
 - 10G WAN port, four 1G LAN ports, LAN aggregation support
 - Ideal for large homes, gaming, 4K/8K streaming, and multiple devices
- **ASUS ROG Rapture GT-AXE16000 (Wi-Fi 6E)** .

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