

What router should I use if I have two fiber optic connections at home



Article Overview

For two fiber optic connections, you need a router with dual WAN support, multi-gigabit ports, and Wi-Fi 6/7 capabilities to fully utilize both connections.

Key Features to Look For

Dual WAN or Multi-WAN Support: To use two fiber connections simultaneously, your router must support dual WAN for load balancing or failover. This allows traffic to be distributed across both connections or automatically switch if one fails.

Multi-Gigabit Ports: Fiber plans often exceed 1 Gbps. Look for routers with 2.5G, 5G, or 10G WAN/LAN ports to avoid bottlenecks and fully utilize your bandwidth.

Wi-Fi 6/6E or Wi-Fi 7: For wireless devices, Wi-Fi 6 or 7 ensures high throughput and low latency, especially for gaming, streaming, or AR/VR applications.

High-Performance CPU and RAM: A router with a quad-core CPU and at least 2 GB RAM can handle multiple high-speed connections and advanced features like VPNs or QoS without slowing down.

SFP+ or Fiber Ports: Some routers include SFP+ cages for direct fiber connections, which can simplify setup and reduce the need for media converters.

Recommended Routers

- NETGEAR Nighthawk RS700S (Wi-Fi 7)
- Tri-band Wi-Fi 7, multi-gig speeds
- 10G WAN/LAN port, four 1G LAN ports
- Supports LAN aggregation for up to 2 Gbps
- Ideal for high-speed dual fiber setups and large homes...

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