

Which router to choose for fiber optic internet

Article Overview

For fiber optic internet, routers with Wi-Fi 6 or Wi-Fi 7, multi-gig Ethernet ports, and strong coverage are essential to fully utilize high-speed connections.

Key Considerations

When selecting a router for fiber internet, focus on the following:

- **Wi-Fi Standard:** Wi-Fi 6 (802.11ax) or Wi-Fi 7 (802.11be) ensures maximum speed and efficiency for multi-gigabit fiber plans . Wi-Fi 7 is ideal for future-proofing and high-demand households.
- **Ethernet Ports:** Look for routers with 2.5G or 10G WAN/LAN ports to handle multi-gig fiber speeds and support LAN aggregation for faster wired connections .
- **Coverage and Device Support:** Consider your home size and number of devices. High-end routers can cover 3,500+ sq. ft. and support 200+ devices simultaneously .
- **Security Features:** Built-in security suites like NETGEAR Armor or AiProtection provide protection against malware and hackers without extra subscriptions .
- **Use Case:** Gaming, streaming, or smart home setups may require routers with low latency, tri-band support, and advanced QoS features .

Top Router Recommendations

- **NETGEAR Nighthawk Tri-Band Wi-Fi 7 Router (RS700S)**
 - Speeds up to 9.2 Gbps, tri-band Wi-Fi 7, 10G LAN/WAN ports, supports 200 devices, excellent range .
 - Ideal for gaming, UHD streaming, and multi-device households.
- **ASUS RT-BE86U**
 - Wi-Fi 7, quad-core 2.6 GHz CPU, 10G WAN/LAN, high throughput for heavy internet usage .
 - Great for smart homes and multiple users with high-speed demands.
- **ASUS RT-AX86U Pro**
 - Wi-Fi 6, 2.5G Ethernet port, advanced gaming features, stable coverage for 20+ devices .
 - Budget-friendly for high-performance fiber without Wi-Fi 7.
- **TP-Link Archer AX55 / AX90...**

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Complete Guide to Fiber Optic Home Networking | BroadbandSearch

Step 5: Choosing the Right Router for Your Fiber Plan Your router's WAN (internet) port is the physical connection

Contact Us

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