Wireless Routers Supporting Fiber Optics

Overview

Shop top routers for fiber optic internet at Best Buy. Enjoy fast, reliable Wi-Fi for streaming, gaming, and more in every room.

Key Takeaways

For fiber optic internet, routers with Wi-Fi 6 or Wi-Fi 7, multi-gig Ethernet ports, and strong coverage are recommended to maximize speed and reliability.Key Features to Look For

When choosing a router for fiber optic connections, consider the following:

• Wi-Fi Standard: Wi-Fi 6 (802.11ax) or Wi-Fi 7 (802.11be) ensures high-speed performance and low latency, ideal for streaming, gaming, and multiple devices .

• Ethernet Ports: Multi-gig WAN/LAN ports (1G, 2.5G, or 10G) allow full utilization of fiber speeds and support wired connections for devices like NAS or gaming PCs .

• Frequency Bands: Dual-band or tri-band routers help manage network traffic efficiently, reducing congestion in busy households .

• Coverage: Mesh or high-power routers provide strong Wi-Fi coverage across large homes or offices .

• Security: Advanced security features, such as WPA3, built-in firewalls, and subscription-based protection, safeguard your network .
Top Router Recommendations for Fiber Optic Internet
• NETGEAR Nighthawk Tri-Band Wi-Fi 7 Router (RS700S)
• Speeds up to 1,900 Mbps for gaming, 4K/8K streaming, and AR/VR.

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• Includes a one-year NETGEAR Armor subscription for enhanced security.

• Features Wi-Fi Protected Setup (WPS) and multiple gigabit ports, including 10G LAN/WAN .

• ASUS RT-BE86U Wi-Fi 7 Router
• Quad-core 2.6 GHz processor with Multi-Link Operation (MLO) and 4096-QAM.

• Speeds up to 6.5 Gbps in optimal conditions.

• 10G WAN/LAN port for future-proof wired connections .

• Amazon eero 7 Dual-Band Mesh Wi-Fi 7 Router
• Supports internet plans up to 2.5 Gbps.

• Coverage up to 2,000 sq. ft. and supports multiple devices.

• Ideal for homes needing mesh networking for consistent coverage .

• Eero Pro 7 Tri-Band Mesh Wi-Fi 7 Router
• Supports speeds up to 5 Gbps and coverage for up to 2,000 sq. ft.

• Handles 100+ devices simultaneously, suitable for smart homes .

Setup Tips
• Connect the router's WAN port to the Optical Network Terminal (ONT) provided by your ISP using an Ethernet cable.

• Place the router centrally for optimal coverage.

• Configure network settings via the router's web interface or mobile app.

• Consider mesh systems for large homes to eliminate dead zones .
Conclusion

To fully leverage fiber optic internet, choose a router with Wi-Fi 6/7, multi-gig Ethernet ports, and strong coverage. High-end options like the NETGEAR Nighthawk RS700S, ASUS RT-BE86U, and eero Pro 7 provide excellent speed, security, and reliability for gaming, streaming, and multi-device households .

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