

What router should I use for a home fiber optic network



Article Overview

For home fiber optic internet, high-performance Wi-Fi 6 or Wi-Fi 7 routers like the Netgear Nighthawk RS700S or TP-Link Archer AX55 are recommended to maximize speed, coverage, and device support.

Key Considerations

1. Speed and Standards: Choose a router that supports at least Wi-Fi 6 (AX) or Wi-Fi 7 to fully utilize fiber speeds, especially for plans 1 Gbps or higher. Older Wi-Fi 5 (AC) routers may limit performance and reduce throughput for multiple devices . 2. Coverage and Range: For larger homes, consider routers with strong range or mesh systems to eliminate dead zones. Dual-band or tri-band routers help manage multiple devices efficiently . 3. LAN Ports: A router with 4 or more Ethernet ports allows stable wired connections for gaming consoles, desktops, or smart home hubs. Some high-end models support LAN aggregation for faster wired speeds . 4. Additional Features: Look for routers with MU-MIMO, OFDMA, Beamforming, and robust security features like WPA3 or subscription-based protection (e.g., Netgear Armor) to enhance performance and safety .

Recommended Routers

1. Netgear Nighthawk RS700S (Wi-Fi 7)

- Supports multi-gig fiber plans and up to 200 devices
- Tri-band Wi-Fi 7 with speeds up to 1,900 Mbps

Article Content

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Learn about essential fiber internet equipment including ONTs, fiber routers, and setup

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IoT solutions A fiber router in combination with fiber optic internet enables high-speed internet so that you can efficiently use IoTs in

9 Best Routers For Fiber | Stop Dropping Your Signal

Finding the right hardware requires matching the router's WAN port speed, Wi-Fi generation, and CPU architecture to your specific

Contact Us

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