

Router supports fiber optic interface



Article Overview

For fiber optic internet, routers with multi-gigabit Ethernet ports and Wi-Fi 6 or 7 support are ideal to fully utilize high-speed connections.

Key Features to Look For

1. Multi-Gigabit Ethernet Ports: Fiber internet often exceeds 1 Gbps, so routers with 2.5G, 5G, or 10G LAN/WAN ports allow you to connect directly to your ONT (Optical Network Terminal) and achieve maximum speeds without bottlenecks . 2. Wi-Fi Standards: Wi-Fi 6 (AX) and Wi-Fi 7 (future-proof) routers provide faster wireless speeds, lower latency, and better handling of multiple devices simultaneously, which is essential for streaming, gaming, and smart home setups . 3. Coverage and Range: Consider the size of your home or office. Tri-band or quad-band routers with beamforming and MU-MIMO technology ensure strong coverage and stable connections across multiple floors or large areas . 4. LAN Aggregation: Some routers allow combining multiple LAN ports to increase wired throughput, which is useful for NAS setups or high-speed wired connections . 5. Security and Management: Features like built-in firewalls, parental controls, Quality of Service (QoS), and app-based management help optimize network performance and security .

Recommended Routers for Fiber Internet

1. NETGEAR Nighthawk RS700S (Wi-Fi 7): Supports multi-gig speeds, 10G LAN/WAN ports, tri-band Wi-Fi, and up to 200 devices. Ideal for high-demand households or offices . 2. ASUS ROG Rapture GT-AXE16000: Quad-band Wi-Fi 6E, two 10G ports, ultra-low latency for gaming, and excellent coverage for large homes . 3. TP-Link Ar...

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