

Router compatible with both fiber optic and non-fiber optic cables

Article Overview

Routers like the Netgear Nighthawk RS700S and TP-Link Archer AX series support both fiber optic and traditional Ethernet connections, offering high-speed performance and multi-device coverage.

Key Features to Look For

Fiber and Ethernet Compatibility: Modern routers designed for fiber internet often include a WAN port that connects to an Optical Network Terminal (ONT) for fiber input, while also providing multiple LAN ports for standard Ethernet devices. This allows seamless integration of both fiber and non-fiber connections . **High-Speed Performance:** Routers such as the Netgear Nighthawk RS700S support Wi-Fi 7, multi-gigabit speeds, and can handle up to 200 devices across large areas (up to 3,500 sq. ft.), . For budget-conscious setups, routers like the TP-Link Archer AX55 or AX90 provide reliable Wi-Fi 6 performance with multi-gigabit Ethernet support . **Multi-Gigabit Ethernet Ports:** Many fiber-compatible routers include 10G WAN/LAN ports and multiple 1G LAN ports, enabling high-speed wired connections for non-fiber devices. Some models also support LAN aggregation, combining ports for faster throughput . **Coverage and Device Capacity:** High-end routers feature internal or external antennas to cover multi-floor homes or offices, while mesh systems like Linksys Velop AX4200 or Google Nest Wi-Fi provide whole-home coverage without dead zones . **Security and Management:** Advanced routers often include built-in security suites, parental controls, and easy management via apps or web interfaces. Features like Wi-Fi Protected Setup (WPS) simplify connecting devices securely

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Amazon : Fiber Optic Modem Router Combo

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Amazon : Router Fiber Optic Compatible

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