

Router Enterprise-Grade Fiber Optic



Article Overview

Enterprise-grade routers with fiber optic support provide high-speed, scalable, and secure connectivity for businesses, data centers, and branch offices.

Key Features to Consider

When selecting an enterprise-grade fiber optic router, focus on the following:

- **Fiber Connectivity:** Look for routers with SFP or SFP+ ports for direct fiber connections, supporting speeds from 1 Gbps up to 10 Gbps or higher for multi-gig fiber plans .
- **WAN Throughput:** Ensure the router can handle symmetric high-speed traffic without packet loss, especially for fiber plans above 1 Gbps .
- **Routing and Security:** Enterprise routers often include advanced routing protocols, SD-WAN capabilities, firewall, NAT, and intrusion prevention systems .
- **Scalability:** Modular designs allow adding line cards or additional ports to support growing networks and multiple branch offices .
- **Cloud Management:** Some routers offer cloud-based monitoring and AI-driven automation for simplified management across distributed sites .

Recommended Enterprise Routers

- **Cisco ASR 1002-HX:** High-performance edge router with software redundancy, SD-WAN ready, and support for fiber WAN connections .
- **Cisco ISR 4331:** Converged branch platform with built-in security, LTE, Ethernet, and fiber connectivity options

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Contact Us

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