

# Gigabit Wireless Fiber Optic Router



## Article Overview

The best gigabit fiber optic wireless routers combine Wi-Fi 6/6E or Wi-Fi 7 standards with multi-gigabit ports, wide coverage, and robust security to fully utilize high-speed fiber internet.

### Key Features to Look For

- **Wi-Fi Standard:** Wi-Fi 6, 6E, or Wi-Fi 7 ensures high throughput, low latency, and support for multiple devices simultaneously .
- **Multi-Gigabit Ports:** Look for routers with 1G, 2.5G, or 10G WAN/LAN ports to handle fiber speeds without bottlenecks .
- **Coverage:** High-performance routers often cover 3,500 sq. ft. or more, with internal or external antennas and mesh support for whole-home coverage .
- **Device Capacity:** Advanced routers can manage 60-200 devices simultaneously, ideal for smart homes or offices .
- **Security & Management:** Features like SPI firewall, parental controls, DDoS protection, and guest networks enhance safety and control .

### Top Router Recommendations

- **NETGEAR Nighthawk RS700S (Wi-Fi 7)**
- Supports up to 10 Gbps download speeds and 200 devices.
- 8 internal antennas for multi-floor coverage.
- 1 x 10G WAN, 4 x 1G LAN ports.
- Ideal for demanding homes, gaming, and streaming .
- **ASUS RT-BE96U (Wi-Fi 7)...**

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Website: <https://www.chromadecksigns-eastrand.co.za>

Email: [sales@chromadecksigns-eastrand.co.za](mailto:sales@chromadecksigns-eastrand.co.za)

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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