

How much does a fiber optic wireless router cost



Article Overview

Fiber optic wireless routers typically range from around \$100 to over \$600, depending on speed, Wi-Fi standard, and additional features.

Price Ranges and Popular Models

- **Entry-Level Routers:** Basic fiber-compatible wireless routers start at approximately \$100–\$200. These usually support Wi-Fi 5 or Wi-Fi 6, with speeds up to 1–2 Gbps and standard coverage suitable for small homes or apartments .
- **Mid-Range Routers:** Routers in the \$200–\$400 range often feature Wi-Fi 6 or early Wi-Fi 7 support, higher throughput (up to 3–6 Gbps), multiple LAN ports, and mesh networking capabilities for larger homes . Examples include the FRITZ! Box 5590 Fibre and FRITZ! Box 5690, which offer Wi-Fi 6/7, 2.5 Gigabit LAN, and DECT base functionality .
- **High-End Routers:** Premium models can cost \$400–\$600+, offering tri-band Wi-Fi 7, multi-gigabit LAN/WAN ports, advanced security features, and optimized performance for gaming, streaming, and AR/VR applications. The NETGEAR Nighthawk Tri-Band WiFi 7 Router (RS700S) is an example, delivering speeds up to 1,900 Mbps for high-demand tasks and including a one-year security subscription .

Key Features Affecting Price

- **Wi-Fi Standard:** Wi-Fi 7 routers are more expensive than Wi-Fi 6 or 5 due to higher speeds and better multi-device handling .
- **Speed and Coverage:** Routers with higher throughput and larger coverage areas c...

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