

Fiber optic router for each household



Article Overview

The best fiber optic routers for home use are designed to handle multi-gigabit speeds, provide wide coverage, and support the latest Wi-Fi standards like Wi-Fi 6 and Wi-Fi 7.

Key Considerations for Choosing a Fiber Router

1. Match Your Router to Your Fiber Plan: To fully utilize your fiber internet, your router must support speeds equal to or higher than your plan. Older routers can create bottlenecks, preventing you from experiencing the full potential of fiber connectivity .
2. Wi-Fi Standards:

- Wi-Fi 6 (802.11ax): Ideal for most homes, offering high speeds, better efficiency, and support for multiple devices.
 - Wi-Fi 7: The newest standard, providing even faster speeds and lower latency, suitable for multi-gigabit fiber plans and high-demand households .
3. Coverage and Home Size:
 - For large homes, mesh systems like Linksys Velop AX4200 or Google Nest Wi-Fi ensure full coverage without dead zones .
 - Single routers with multiple antennas, such as the Netgear Nighthawk RS700S, can cover up to 3,500 square feet and support up to 200 devices .
 4. Wired Connectivity:
 - Look for routers with multi-gigabit Ethernet ports and LAN aggregation support to maximize wired speeds for gaming, streaming, or workstations .
 - Routers like the Netgear RS700S offer 10G LAN/WAN ports and multiple 1G LAN ports for high-speed wired connections .
 5. Advanced Features:
 - Quality of Service (QoS): Prioritizes bandwidth for gaming, streaming, or video call...

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The Best Wi-Fi Routers We've Tested for 2026 | PCMag

These days, your wireless router is not just your lifeline to the internet, but also to your job. We've hand-tested the top

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