

Which router should I buy for a 100 Mbps fiber optic connection



AI Overview

For a 100 Mbps fiber connection, a Wi-Fi 5 or Wi-Fi 6 router with at least 1 Gbps LAN ports and dual-band support is ideal.

Key Considerations

- Speed Compatibility:** Even though your fiber plan is 100 Mbps, choose a router that supports at least 1 Gbps on LAN and Wi-Fi to ensure full utilization and future-proofing.
- Wi-Fi Standard:** Wi-Fi 6 (802.11ax) is recommended for better performance, lower latency, and handling multiple devices simultaneously. Wi-Fi 5 (802.11ac) is sufficient for smaller homes or fewer devices.
- Coverage and Range:** Consider your home size. Dual-band routers are suitable for medium-sized homes, while mesh systems are better for larger spaces to avoid dead zones.
- LAN Ports:** At least 4 Gigabit Ethernet ports are recommended for wired devices like gaming consoles or PCs.
- Security Features:** Look for WPA3 encryption, automatic firmware updates, and built-in firewalls for safe browsing.

Recommended Routers

- TP-Link Archer AX21 (AX1800):** Wi-Fi 6, dual-band, speeds up to 1.8 Gbps, supports multiple devices, and includes MU-MIMO and OFDMA for efficient traffic management.
- NETGEAR Nighthawk RS700S (Wi-Fi 7):** High-end option with tri-band Wi-Fi 7, multi-gig support, excellent range, and advanced security features. Ideal if you plan to upgrade to faster fiber in the future.
- TP-Link Archer AX55:** Budget-friendly Wi-Fi 6 router, reliable for 100 Mbps fiber, good coverage, and supports multiple devices without premium pricing.
- NETGEAR Nighthawk C7000:** Combines modem and router, dual-band Wi-Fi, up to 1900 Mbps, suitable for medium-sized homes, but check ISP compatibility.

Summary

For a 100 Mbps fiber connection, even a mid-range Wi-Fi 6 router like the TP-Link AX21 or AX55 will provide excellent performance, stable coverage, and support multiple devices. If you want to future-proof for higher speeds or advanced features, consider the NETGEAR RS700S Wi-Fi...

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9 Best Fiber Internet Routers 2025 | HighSpeedOptions

By using the best router for fiber internet, you can get the most out of the fast speeds. So, if you want unparalleled connectivity, check out my 8

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My internet should be 1000/1000 Mbps but my speedtest is less

According to my ISP, i have 1000/1000 internet but after trying on 2 different devices with a different ethernet cable plugged into my router, I only get around 400-600 Mbps download and 100-150 Mbps

EE Smart Hub 7 Pro Review | WiFi 7 Broadband Router

We test and review the EE Smart Hub 7 Pro on EE Broadband, to see how good its WiFi signal, download speeds, and customisation options are.

What Is a Good Internet Speed? | HighSpeedInternet

Learn what factors influence your internet speed, how to test your speed, and tips for improving it with our internet speed calculator.

The 3 Best Wi-Fi Routers of 2026 | Reviews by Wirecutter

We've tested the latest Wi-Fi routers and found the best options—from budget models to top-of-the-line—to make your wireless network

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Best Routers for Fiber Internet

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