

Slow internet speed with a 100Mbps fiber optic router



Article Overview

Your 100Mbps router may be the bottleneck, limiting your fiber connection to 100Mbps even if your ISP provides higher speeds.

Common Causes

Router Hardware Limitations: Many older or entry-level routers only support 10/100 Mbps WAN/LAN ports. If your fiber plan exceeds 100Mbps, the router cannot deliver full speeds to your devices, capping performance at 100Mbps (EPB, AEANET, Home Network Community) . **Outdated Firmware:** Routers with outdated firmware may have bugs or inefficient traffic handling, reducing speed and stability (AEANET) . **Wi-Fi Interference and Placement:** Physical obstructions, nearby networks, and other devices like Bluetooth can interfere with Wi-Fi signals, slowing down wireless speeds even if the fiber connection is fast (Fidium Fiber) . **Device Limitations:** Older computers or smartphones may have network cards that cannot handle higher speeds, limiting throughput (AEANET) . **Cabling Issues:** Using older Ethernet cables (Cat5 instead of Cat5e or Cat6) or damaged connectors can prevent gigabit speeds from reaching your router (AEANET, Home Network Community) .

Steps to Fix Slow Speeds

- **Check Router Specifications:** Ensure your router has gigabit WAN/LAN ports. If it only supports 10/100 Mbps, upgrade to a router with gigabit support (Home Network Community) .
- **Update Firmware:** Log into your router's web interface and install the latest firmw...

Article Content

1Gb fiber, only getting 100Mb wired. What am I missing?

Thanks again. Both computers are Macs and both report 1000BaseT (full-duplex). Also, they were previously getting 300Mbps under

Suffering From Slow Internet? Your Internet Provider Could Be ...

Sometimes the issue isn't your router or your devices. Your internet service provider can intentionally slow down your connection.

How to Get Your Internet Up to Speed and Fix Lag

How to Get Your Internet Up to Speed and Fix Lag Find out where your internet speed is actually at and follow these steps if it should

Why Your High Speed Fiber Internet Still Feels Slow at Home

Paying for high speed fiber internet but still buffering? Learn why your WiFi lags, what affects real speeds, and how to fix it for a

Why is my fiber internet so slow?

Fix slow fiber internet. Troubleshoot WiFi congestion, router issues, network outages, and equipment problems. Optimize speed.

Contact Us

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