

Broadband converted to fiber optic router not working



AI Overview

Your router may not work with fiber internet due to compatibility issues, IP conflicts, or ONT configuration, but systematic troubleshooting can restore connectivity. Check Router Compatibility Fiber internet uses an Optical Network Terminal (ONT) to convert light signals into Ethernet. Your router must have a Gigabit Ethernet WAN port and support high-speed connections. Routers designed for DSL or cable (coaxial) may not work with fiber. Ensure your router is “fiber-ready” or supports the speeds provided by your ISP. Verify Physical Connections Confirm the fiber cable is properly connected to the ONT and the ONT is powered on. Use a high-quality Ethernet cable from the ONT to your router's WAN port. Inspect for bends, cuts, or dust in fiber connectors, as these can cause signal loss. Address IP Conflicts and Configuration Many ISPs provide a gateway/router that may conflict with your existing router's IP range (e.g., both using 192.168.1.1). If the ISP gateway is not in bridge mode, it can prevent your router from obtaining an external IP. Consider: Enabling bridge mode on the ISP gateway so your router handles routing. Changing your router's LAN IP range to avoid conflicts (e.g., 192.168.2.1). Check your router's WAN settings: if your ISP uses static IP, DHCP, or PPPoE, ensure the router is configured accordingly. Test Direct Connection Connect a computer directly to the ONT via Ethernet. If it cannot access the internet, the issue may be with the ISP activation or ONT configuration. If direct connection works, the problem is likely router configuration. Restart and Reset Devices Power cycle the ONT, router, and connected devices. If issues persist, consider factory resetting the router and reconfiguring it for fiber settings. When to Contact Your ISP If the ONT is not activated or the ISP gateway is not in bridge mode, you may need ISP support to enable proper routing. Fiber installations sometimes require VL...

Article Content

Four reasons your fibre internet could be slow

This compares to traditional broadband internet, which relies on “fibre to the cabinet”, meaning the high-speed fibre optic connection is delivered to

Modem & Router Lights Explained | BroadbandSearch

Modem and Router Lights Meaning: Your 2026 Quick Troubleshooting Guide Your modem and router lights can tell you a lot about your internet. Learn what they mean and how to

2 Gigs, 1 Gig or 500 Mbps: Which Speed Is Right for You?

Compare 2-Gig, 1-Gig, and 500-Mbps fiber internet speeds for your home. i3 Broadband offers true fiber with reliable, symmetrical speeds you can depend on.

Internet Service Provider (ISP)

An Internet Service Provider (ISP) is an organization that enables users to access the Internet through various network technologies. Provides

Fiber optic converter doesn't work with new wireless router

Fiber optic converter doesn't work with new wireless router - no internet Hi! I had an existing setup of a very old tp-link wireless router, connected directly to a "EPON ONU" modem like this one (looks

The Ultimate Fiber Troubleshooting Bible for Beginners

Solve fiber troubleshooting issues fast with step-by-step tips for beginners. Keep your fiber optic network reliable and fix common internet

Committed to Our Communities | Fiber Internet Provider

i3 Broadband is proud to offer the fastest, most reliable fiber internet, Wi-Fi, and streaming to homes and businesses across Illinois and Missouri.

Fix Fiber Issues Fast: Your Ultimate HomeLinkd Guide

Explore our comprehensive guide on Troubleshooting your Fiber Connection, addressing common issues for improved internet performance.

How to Connect Fiber Optic Cable to Router: A Step-by-Step Guide

Run a speed test: Use tools like Speedtest to verify your fiber optic speeds. Troubleshoot if needed: If there's no connection, reboot the ONT and router, or contact your ISP.

Alliance Broadband User Community | Alliance Broadband ISP

Alliance operator at 700151 is just looting people, CAT5 new connection without router charging 2000 and fibre optic 3000, after all these nightmare is the broadband service is down more

Why Is My Fiber Internet Not Working?

The most common reasons why your fiber internet is not working include issues with your router, the ONT (Optical Network Terminal), the fiber optic cable itself, or service outages.

Ring and Ping: Quick Tips for Fiber Optic Troubleshooting

So, you bit the bullet and converted your network to fiber optic for the top speeds and now it's not working. How frustrating! Let's look at some of the

Fiber ONT Troubleshooting

Optical Network Terminal (ONT) troubleshooting guide: Tackling common glitches, step-by-step fixes, and preventive care for fiber-optic internet.

Why is my fiber to Ethernet cabling not working?

A couple of LX optics are pretty inexpensive, and that SM fiber can handle 10Gb and beyond (I'm running some 40Gb links cross-campus here on mid-1980's vintage

Fiber Optic Troubleshooting: Expert Guide for Common Issues

Troubleshoot fiber optic issues like a pro with our expert guide. Resolve common problems and ensure seamless connectivity.

No connection to full fibre following installation

Easiest way to test and the tech should've done this. Connect that yellow ethernet cable directly to a laptop and see it works or you get an IP address. This takes the router out of the equation entirely.

How To Remove Fiber Optic Cable From Modem

Fiber optic cables provide blazing-fast internet speeds through pulses of light transmitted over glass fiber. However, situations may arise requiring you

Fidium Fiber down? Current problems and outages

Real-time problems and outages for Fidium Fiber. Is Fidium Fiber down? Here you see what is going on.

Fibre Broadband Deals

Fibre broadband deals offers faster download speeds than ADSL – compare full fibre and part fibre broadband with MoneySuperMarket.

What is Fiber Internet? | T-Mobile

In other words, when it comes to fiber optics in your home, MMF is usually what you'll find. It's perfect for short-distance connections, like linking the

Fiber Network Troubleshooting – Common Issues & Fixes

Learn how to troubleshoot fiber networks. Identify common issues like high loss, dirty connectors, and signal drops, with practical solutions for optical links.

What Is Broadband? | BroadbandNow

Fiber: At your home, an optical network terminal (ONT) converts optical signals into electronic data. Ethernet cables help connect the ONT and

64-bit Windows pcs do not connect to my new full fibre broadband ...

All three machines worked on my old copper broadband connection. Once I had installed a new full-fibre connection the two 64-bit machines cannot connect to the internet. The diagnostics

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The broadband connection was taken in 2019 and i am using a TP link 300 mbps 2 antenna wireless router (TL- WR840N) 2. I shifted from normal internet connection to optic fiber connection in

Fibre Broadband Deals: Compare in July 2026

Find fibre broadband deals from BT, Sky, Virgin Media, TalkTalk and more. Enjoy super smooth streaming, gaming and downloading with superfast

Visionary Broadband

We're an internet provider offering high speeds and fiber internet in Colorado, Montana, and Wyoming. Get connected today!

Fiber ONT Troubleshooting

An optical network terminal (ONT) is a device that converts fiber-optic light signals from your internet service provider into electrical signals that your home network equipment can use. It

Complete Guide to Fiber Optic Home Networking | BroadbandSearch

Build a home fiber network for 1-2 Gbps speeds with this complete guide to installation, troubleshooting, and performance.

Contact Us

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