

No power when fiber optic router is plugged in with network cable



AI Overview

If your fiber optic router loses power when a network cable is connected, the issue is likely related to the ONT, power supply, or electrical outlet rather than the cable itself.

Step 1: Check Power and Outlet

Ensure the router and ONT are properly plugged into a working electrical outlet. If the ONT is connected to a GFCI outlet, it may trip when overloaded or during a surge. Test the outlet by unplugging the ONT and plugging in another device like a lamp or hairdryer to confirm it works. If the GFCI has tripped, press the reset button before reconnecting the ONT ().

Step 2: Inspect the ONT and Router

- Verify that the ONT is receiving power. If no lights are on, check the power cord and outlet.
- Ensure the router's power cord is firmly connected to both the device and the outlet ().
- If the router has a battery backup, temporarily disconnect it to rule out interference with the power supply ().

Step 3: Check Network Cable and Ports...

Article Content

Jan 01, 2026

ASUS router or adapter is No Power/No Boot/Power

1-2 Check router's adapter: please check if the plug of adapter/power supply is loosened, and please press the plug

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Fiber Troubleshooting | CenturyLink

If the status light ring is off (no color), it means your router is not connected to the network. The most common causes of this are loss

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Fiber ONT Troubleshooting

Don't let optical network terminal (ONT) problems disrupt your fiber-optic experience. At BroadbandSearch, we

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Troubleshooting Faulty Optical Network Terminals (ONTs)

Sometimes, a simple power outage or a loose cable can cause your ONT to malfunction. Look for a green or blue light on your ONT

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How to Troubleshoot Fiber Internet Outage: Step-by-Step

Experiencing a fiber outage can be frustrating, especially when you rely on internet services for work, entertainment, or

May 15, 2026

Your router won't turn on: 5 things you can do to fix it

Before getting into a deeper solution, the first thing we should check in all cases is the

Sep 26, 2025

Network Cable Not Working? Complete Troubleshooting Guide with

Fix network cable issues fast with our step-by-step troubleshooting guide. Learn to diagnose bad terminations,

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No internet connection, no internet light on router

Case One--No internet on DSL modem router mode: 1. Make sure the DSL/phone cable is plugged into the DSL

Apr 28, 2026

Probably a stupid question, but will fiber be able to plug ...

Probably a stupid question, but will fiber be able to plug straight in to my router or will I need to purchase a modem? The reason I

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How to Troubleshoot Fiber Internet Outage: Step-by-Step

If the Power and Optical lights are solid green, ensure the cable coming from 10GE, 2.5GE, or GE (Most commonly 10GE unless

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What Do the Lights on My Fiber Equipment Mean?

Power What it means: This light shows whether your ONT is getting power. Solid Green: The ONT is powered on and functioning

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Fiber Optic Troubleshooting Guide: Problems, Tools & Solutions

Solution: Secure all fiber optic cables firmly and reinsert them if needed. Address overheating with improved airflow

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Fix Fiber Issues Fast: Your Ultimate HomeLinkd Guide

Possible causes include a faulty fiber optic cable, power outage in your area, or network maintenance being performed by your

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Restarting your cable modem & router to troubleshoot ...

This video walks you through restarting a router connected to a cable modem. Common

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Power went out and now my router doesn't give any internet

Now however, I don't seem to get any internet from the router. I can perfectly access the network and all the other computers and

Apr 06, 2026

Modem router not working--no lights on | NETGEAR Communities

Aspirant Feb 28, 2021 Modem router not working--no lights on After having tried to reset the router several times, it still is not

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Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but

Dec 02, 2025

wifi router plugged in but no lights are on. : r/wifi

my wifi is plugged in and i can tell its getting power, but no lights are on and the wifi wont show up on my phone or my ps4. its been

Mar 15, 2026

Fiber Network Troubleshooting - Common Issues & Fixes

Learn how to troubleshoot fiber networks. Identify common issues like high loss, dirty connectors, and signal drops,

Sep 22, 2025

Broadband Internet Repair: 100% Solid Tips | Dong Knows Tech

This issue can be relatively rare, but it doesn't hurt to ensure all the cables and wires are plugged in correctly and

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Modem router won't start, no power, no internet

How to fix my modem router that won't start with no power no lights no internet. Bad

Mar 21, 2026

The FOA Reference For Fiber Optics

Fiber Optic Network Design Jump To: The Communications System Cabling Design
Choosing Transmission Equipment Planning

Nov 17, 2025

Does Fiber Internet Keep Working During Power Outages?

When the power goes out, you can stay connected to the internet with the right service. Discover how fiber internet

Aug 24, 2025

Common Fiber Optic Cable Issues and How to Fix Them

Most common fiber optic cable problems are fixable—often with a bit of know-how and the right approach.

Nov 07, 2025

Optical Cable Not Working? 6 Proven Ways to Fix It

However, like any technology, issues may arise, leading to anxiety and frustration when your optical cable isn't

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Can I Connect a Fibre Optic Cable to Wireless Router?

The answer isn't as straightforward as a simple yes or no—it depends on the type of router,

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Support Wizard for Fiber Internet: Computer plugged into my router

Make sure: The broadband home router is plugged directly into a working electrical wall outlet (not a power strip) and the power cord

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How To Connect Fiber Optic Cable To Router□

Connecting a fiber optic cable to a router involves a few key steps and specialized equipment. Here's a simple guide

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Fiber Optic Cable to Router: Step-by-Step Guide

Master the process of connecting a fiber optic cable to your router. Dive into preparation tips, setup

Contact Us

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