

Huawei router cannot access the internet when plugged into fiber optic cable



AI Overview

If your Huawei router cannot access the internet via a fiber optic connection, the issue is often due to incorrect WAN port setup, PPPoE credentials, or compatibility with the optical network terminal (ONT). Check Physical Connections Ensure the fiber optic cable is properly connected to the Huawei ONT and that the ONT is powered on with a green status light. The router should be connected to the ONT LAN port 1 (PORT1) using an Ethernet cable, and the cable should be securely plugged into the router's WAN port if it is not a self-adaptive WAN/LAN port . Avoid unplugging the optical cable, as this can disrupt the PON connection. Verify Router Settings Log in to the router's web-based management page (usually at 192.168.3.1) and check the Internet access mode. If your ISP uses PPPoE, ensure the broadband account name and password are correctly entered, as these are case-sensitive . Save the settings and restart the router. If the router supports automatic WAN/LAN detection, it may select the correct mode automatically, but manual configuration may be necessary in some cases. Check IP Address Assignment Ensure that devices connected to the router can obtain an IP address from the DHCP server. By default, the router assigns addresses in the 192.168.3.2–192.168.3.254 range. If a device does not receive a valid IP, it will not access the internet . Test Direct Connection To isolate the problem, connect a computer directly to the ONT using the same Ethernet cable and attempt a PPPoE login with your ISP credentials. If the computer can access the internet, the issue is likely with the router configuration. If it cannot, the problem may be with the ONT or ISP service . Consider Compatibility Issues Older Huawei routers, such as the EchoLife HG8546M, may be incompatible with newer gateway modems provided by some ISPs. In such cases, the router may connect to the WiFi network but fail to acc...

Article Content

WiFi Connected No Internet Fiber Fix

If you have a fiber optic connection, this guide will help you solve it quickly. I'll show you the common setup and the steps that fix the problem most of the time.

Fibre to the Home: Check your wiring and set-up

If the PON light is off and the LOS light is red or flashing, check that the cable's inserted fully into the Huawei ONT. If it is and you're still having issues with your broadband service, please contact us.

My Internet connection provided by the router is unstable

Confirm that the broadband network is stable: Disconnect your router, then connect your computer directly to an Internet source using an Ethernet cable, and see if the Internet connection is available.

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No devices connected to the router can access the Internet ...

2. Check the broadband service Remove the network cable from the router, and directly connect the cable from your computer to the modem or wall-mounted network port. Then select an Internet

Tech News

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How to Configure Huawei Router and Fix No Internet Access

In this video, we'll show you how to properly configure your Huawei router from scratch. Learn how to set up your connection, enter ISP details, and fix common post-reset issues.

Fix Fiber Issues Fast: Your Ultimate HomeLinkd Guide

Debugging a fiber connection can be intimidating, particularly with the intricacies of optical networks. In this blog post, we will delve into the intricacies of

How to Connect Fiber Optic Cable to Router? Easy Fiber Optic

This video makes connecting your fiber optic cable to your router a breeze! We'll guide you through the entire process step-by-step, ensuring a smooth and hassle-free experience.

Huawei Router Connected to FTTP Network

I have called and emailed my ISP for over a week trying to connect the router to the internet, but they say they ran a test on my connection and received no request from the router to connect, leaving it

How to Connect Fiber Optic Cable to Router: Complete

Are you ready to unlock the blazing-fast potential of fiber optic internet? The process to connect fiber optic cable to router requires careful

Unable to access the Internet when my router is using a static ...

If there is no Internet access when your router is using a static IP address, perform the following to check your cable connections, computer settings, and service provider restrictions:

No device connected to the router can access the Internet

To resolve this issue, enable your router to automatically obtain an IP address and connect all your devices to your router for them to access the Internet. Check for other routers connected to the modem.

[unsupervised_topic_modeling/topics/en/13/100/100/topics](#)

Contribute to [annontopicmodel/unsupervised_topic_modeling](#) development by creating an account on GitHub.

Some devices wired connected to the router cannot access the

Learn about "Some devices wired connected to the router cannot access the Internet". Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

Broadband Internet Repair: 100% Solid Tips | Dong

Broadband Internet Troubleshooting: The A-B-C simple steps Every network is different, but all have a broadband terminal device — likely a cable

How to connect fibre optic cable to router with LAN port

I have a fibre optic cable incoming to an ONS, on the way out of the ONS is also a fibre optic cable which goes directly into a router which has a fibre optic port. The router is Wifi 4 and I

Why Is My Fiber Internet Not Working | Brightspeed

To identify why your fiber internet isn't working, it's important to establish where the connection problem is. In many cases, a fiber connection problem originates

How can I set up the Internet for my new HUAWEI router on my computer

You can use a computer to complete initial configuration for your router on its web-based management page. Setup preparation: Connect an Ethernet cable from the WAN port of your router to a LAN port

Fiber ONT Troubleshooting

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

HUAWEI 5G CPE Pro can't get internet using ethernet cable

Log into the router settings 192.168.8.1 and navigate to the internet settings. There is a section about the wan port, change it to Lan only and this will fix the issue.

How to Fix Ethernet Cable or LAN Port Not Working on Huawei Router

In this video, I'll show you how to fix LAN port issues by accessing the Huawei router settings and enabling the LAN ports properly.

How to Connect a Fiber Optic Cable to a Router

Connect fiber internet correctly. Learn the essential hardware bridge and sequential steps needed to link the optical line to your router.

How to Fix Ethernet Cable or LAN Port Not Working on Huawei Router

Is your Ethernet cable not working or LAN port not detecting devices on your Huawei router? In this video, I'll show you how to fix LAN port issues by accessing the Huawei router settings and ...

Setting Up Huawei HG658 FTTH Router

Huawei HG658 FttH Router - Free download as PDF File (.pdf), Text File (.txt) or read online for free. The document provides instructions for setting up a Huawei HG658 router for Fiber to the Home

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

Check for internet access: Connect a device to your router via Wi-Fi or Ethernet. Run a speed test: Use tools like Speedtest to verify your fiber

Contact Us

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