

Huawei router fiber optic port cannot be accessed

Overview

The model or mode of the optical module does not match that of the optical port on the device. Check whether the peer device works in auto-negotiation mode. Enter the interface view and run the following commands: • Switch to optical mode: `combo enable fiber` • Restore default electrical mode: `undo combo enable fiber` Enter system view, return user view with `return` command. Info: Set the same config. Generally fiber optic connections use either plain fiber-Ethernet or more commonly GPON (which still carries Ethernet data), and Ethernet-to-Ethernet passthrough is usually called bridge mode. It completely bypasses the 'IP routing' part of the router, and as far as I know should be present in any. I have recently bought a new router (Huawei AX2) and it doesn't have an optical fibre port like my old one. Is there any adaptor I could use and if yes, what is its name?

Fiber connections are a new ball game.



Article Content

Nov 10, 2025

My new router doesn't have an optical fibre port. What do I do?

Your ONT -- Converts Fiber to Ethernet -- generally provided by the ISP. This is the equivalent of a Cable Modem. If this died, then

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How To Switch Optical/Electrical Mode On Huawei Router Combo Ports

The Combo electrical port and its corresponding optical port are logically multiplexed. Users can choose either port

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Port: Optical Ports on the AC Cannot Go Up

Use an optical fiber to perform a loopback test on the Huawei device. If the link goes Up, the Huawei device is working properly, and

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Checking the Optical Fiber or Link

Certain optical modules work with different types of optical fibers to achieve different transmission distances. In practice, you must

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Port: After an Optical Fiber Is Inserted into an Optical Port on the AC ...

If a combo port is used, run the display this command in the interface view to check that the port is configured to work

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HUAWEI OptiX Star Manual

The fiber optic connector connected to the optical port on the wall depends on the actual conditions. To ensure

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How to Enable Huawei all Ethernet port | LAN Port Not Work in Huawei Router

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Troubleshooting Optical Module Issues

If an FCS or CRC error occurs on a port, check whether the optical fiber is properly connected. You can replace the

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Unable to connect to a router's Wi-Fi network

It is recommended that you set your router's encryption type to WPA/WPA2-PSK for better compatibility and try to connect to the Wi

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Unable to detect my router's Wi-Fi network

Some Huawei routers support HarmonyOS Mesh+. If the uplink router supports HarmonyOS Mesh+, HarmonyOS Mesh+ networking

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Installing Optical Transceivers and Connecting Optical Fibers

Installing Optical Transceivers and Connecting Optical Fibers This section describes how to install optical transceivers on the SFP or

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What devices can be connected to the WAN and LAN port?

You can use a network cable to connect the LAN port of the router to a switch so that other wired devices can access the Internet by

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Solve Common Huawei ONU Issues with This Complete Guide

Troubleshooting Steps: Check Cables and Connections: Ensure all cables (Ethernet, fiber optic, power) are securely

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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

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My HUAWEI router does not seem to open all the ports that is set to ...

One time time it crossed my mind that there may be some sort of limit of ports being opened on the router. On that

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Configure the virtual server | HUAWEI Support Global

Configure the virtual server The virtual server function can map a port of the external network IP address to a port of a computer in

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No device connected to the router can access the Internet

Check the Internet access mode. When the WAN port has a network cable plugged in, the router automatically selects an Internet

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Network Access Through Internet-side Port 80, 8080, or 443 Fails ...

When devices on another network access the intranet, intranet port 80 is mapped to Internet-side port 80, causing an access failure.

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Port: After an Optical Fiber Is Inserted into an Optical Port on the AC ...

If an optical module supporting a long transmission distance is used for short-range transmission, the optical interface cannot go Up

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fiber optics cable between two routers cisco 2911 not working

Also when i add modules: HWIC-1GE-SFP on the 2911, they do not appear on the list of interfaces on the router. Help

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How do I configure port mapping rules on my HUAWEI router

Learn about "How do I configure port mapping rules on my HUAWEI router". Find all usage guide, troubleshooting tips and resources

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How To Check If Interconnected Optical Ports Cannot Go Up?

If the problem is not caused by the optical modules, fibers, or intermediate device, connect the switch to another interface or replace

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Enabling pass through in a Huawei optic router

The answer, which is specific for this hardware and maybe even this ISP, is that there is no way to change the router

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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:

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Combo ports cannot be UP

Issue Description Combo ports cannot be UP when connected to AR router through fiber connection.

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PLDT HG8145V5: Enabling All LAN Ports & Solving "site can ...

Watch how to enable all 4 ports Please note that this is only applicable to PLDT Home

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How to diagnose errors with my router | HUAWEI Support Global

Learn about "How to diagnose errors with my router". Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

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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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Some devices wirelessly connected to the router cannot access ...

Learn about "Some devices wirelessly connected to the router cannot access the Internet". Find all usage guide, troubleshooting tips

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OLT's Upper-Layer Network Is Faulty

Check fiber quality on the upper-layer network. Ping the network IP from the OLT. If packets are lost, perform the following

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AR Router Troubleshooting Guide (V200 and V300)

A router must use Huawei-certified optical modules. Non-Huawei-certified optical modules cannot ensure transmission reliability and

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HUAWEI EG8145V5 ONT Cannot be accessed from outside the LAN

TLDR: my router seems to be ignoring all the ping requests I send to it from outside and doesn't let me access any internal server

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Port: After an Optical Fiber Is Inserted into an Optical Port on the AC ...

Possible Causes The optical fiber is faulty. The optical module is faulty. The in-line optical attenuator cannot meet the requirements.

Contact Us

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