

Xiaomi router cannot connect to the internet via fiber optic cable

Article Overview

If your Xiaomi router is connected to a fiber optic cable but shows no internet, the issue is likely due to ISP connection, router configuration, or cable setup.

Step 1: Check Physical Connections

Ensure the fiber optic cable is properly connected to the Optical Network Terminal (ONT) and the router's WAN port. Verify that the Ethernet cable linking the ONT to the router is secure and undamaged, and that the router and ONT are powered on with stable indicator lights . Avoid using damaged or loose cables, as even minor issues can block internet access.

Step 2: Restart Devices

Power cycle your devices to reset network connections:

- o Unplug the ONT/modem and wait 30 seconds, then plug it back in and wait for lights to stabilize.
- o Unplug the Xiaomi router, wait 30 seconds, and plug it back in . This clears cached DNS entries, resets DHCP leases, and often resolves temporary connectivity issues.

Step 3: Verify Router Configuration

Log in to your Xiaomi router's admin panel via router.miwifi.com or the IP address (usually 192.168.31.1). Check the following:

- o WAN settings: Ensure the router is set to obtain IP and DNS automatically from your ISP.
- o PPPoE credentials: If your ISP requires a username and password, confirm they are correctly entered.
- o Firmware updates: Update the router firmware to the latest version to fix potential bugs .

Step 4: Check Device Network Settings

On your connected device:

- o Toggle Wi-Fi off and on to request a fresh IP address.
- o Forget the network and reconnect with the correct password.
- o Ensure no static IP conflicts exist with other devices on the network .

Step 5: Test ISP Connection

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Determine if the issue is with your ISP:

- o Connect a device directly to the ONT via Ethernet. If the internet works, the router may be misconfigured.
- o If there's still no internet, check your ISP's status page or contact support for outages or service issues .

Step 6: Advanced Troubleshooting

- o Reset the router to factory settings if misconfigurations persist, then reconfigure it.
- o Consider changing DNS servers to public options like 8.8.8.8 (Google) or 1.1.1.1 (Cloudflare) if DNS resolution is failing .
- o Ensure no network congestion or device overload is affecting connectivity. By systematically checking cables, power, router settings, and ISP status, most Xiaomi router connectivity issues with fiber optic connections can be resolved efficiently .

Log in to the router's web management page and go to the network settings to verify the Internet IP address. If valid, please set the

See if fiber internet is available in your area. Enter your zip code or address to see which fiber providers offer fiber service in your area.

An optical network terminal (ONT) is a device that converts fiber-optic light signals from your internet service provider

Learn how to connect fiber optic cable to router with our step-by-step guide. Optimize your

How To Fix WiFi Problem - mi router 4c not connecting to internet after network setup

1. Ensure the Wi-Fi name and password do not contain special characters during configuration; 2. Ensure the Wi-Fi and the

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

Q: With the Xiaomi Router BE3600 having IPTV functionality, can the live broadcasts be watched directly

The Router Your router connects to the ONT via an Ethernet cable and distributes the internet signal to your devices

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So I had issues with my connection to the internet. Network provider did a reset and changed something obviously. Now my extender

If connect to the router via cable could access internet, but when devices (e.g. PC, laptop) connect to the router

Use your phone to search for the Wi-Fi network set by your router. If you can't find it, make sure that the router is connected to the

Solution: 1. Restart MI TV and box to attempt. 2. Change the router encryption mode to none (no encryption) and try to connect. If

The LOS light blinking red is a common yet solvable issue. By following the steps outlined above, you can identify the

If unable to access the internet after connecting to the Xiaomi Router BE19000 Pro, please refer to the following steps: 1. Make sure

The fiber-optic cable connecting the ONT to the entry point is glass, so it doesn't bend like copper cable. Moving the

Web: <https://www.kremgroup.co.za>

