

What router needs to be replaced for a fiber optic network



Article Overview

To replace a router in a fiber optic network, connect a compatible router to the Optical Network Terminal (ONT) and configure it according to your ISP's settings.

Step 1: Check Compatibility

Fiber internet uses an Optical Network Terminal (ONT) instead of a traditional modem. Your new router must have a Gigabit Ethernet WAN port to connect to the ONT and support the speed tier of your fiber plan. Routers designed for DSL or cable (coaxial) connections will not work. For optimal performance, a Wi-Fi 6 or 6E router is recommended to handle high-speed fiber connections and multiple devices efficiently .

Step 2: Prepare Your Network

- Ensure the ONT is installed and activated by your ISP.
- Note any required VLAN, PPPoE, or IPoE settings, especially if your ISP provides TV or VoIP services .
- Decide whether to fully replace the ISP router or use it in bridge mode while your new router manages Wi-Fi and LAN functions .

Step 3: Connect the Router

- Disconnect the existing router from the ONT.
- Use an Ethernet cable to connect the ONT to the WAN port of your new router

Article Content

Do i need to rewire my house for fiber optic?

In conclusion, the need to rewire your house for fiber optic internet depends on the existing wiring infrastructure and your desired

Do I Need to Rewire My House for Fiber Optic?

Wondering if you need to rewire your house for fiber optic? In most cases, no—existing wiring can often be used. Learn when

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 instructions, and configuration

Fiber Infrastructure; When to update/upgrade/replace? How old

As far as the actual fiber goes, there's not really any reason you need to replace the whole fiber as long as it can still support what

When to Replace Routers for Enhanced Internet Performance?

FAQs Q: How do I know if my router needs to be replaced? A: Some common signs that your router needs to be replaced include

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.

Best routers for fiber internet 2025: our top picks for fast broadband

If you are looking for a new fiber internet router, then you should check our round-up of some of the best routers right

Will I Need to Upgrade My Equipment or Router to Use Full Fibre ...

It's generally advisable to use the router provided by your service provider, as it will be configured to work seamlessly

Routers For Fiber Optic Internet

Shop top routers for fiber optic internet at Best Buy. Enjoy fast, reliable Wi-Fi for streaming, gaming, and more in every room.

What You Need to Install Fiber-Optic Internet

Let's take a closer look at each one. Locate your fiber network terminal In order to install your own fiber internet, you

Fiber Optic Cable Lifecycle Guide

Fiber optic cables are a critical component in modern networks, with their performance directly affecting the stability of

9 Best Fiber Internet Routers 2025 | HighSpeedOptions

Make the most of your fiber internet connection with the right equipment. Here we show you the 9 best routers for fiber internet.

7 Best Fiber Optic Router | Skip the Bottleneck Real Fiber

After reviewing seven models built around tri-band architectures, multi-gig WAN ports, and the latest WiFi standards, I've narrowed

Contact Us

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