

How to set up a router for fiber optic Ethernet networking

Article Overview

To set up a router for fiber optic Ethernet networking, connect the router to your fiber modem or ONT via Ethernet, configure the router with your ISP credentials, and secure your Wi-Fi network for optimal performance.

Step 1: Prepare Your Equipment

- Fiber optic modem/ONT: Most fiber connections require an Optical Network Terminal (ONT) provided by your ISP .
- Router: Ensure your router supports fiber input, typically via a WAN port or SFP slot .
- Cables: Use an Ethernet cable to connect the ONT to the router. Fiber cables connect the wall outlet to the ONT .
- Power: Make sure both the ONT and router are powered on.

Step 2: Connect the Hardware

- Plug the fiber optic cable from the wall outlet into the ONT.
- Connect the ONT to your router's WAN port using an Ethernet cable .
- Power on the router and wait for the indicator lights to stabilize, indicating a successful connection.

Step 3: Access the Router Admin Panel

- Open a web browser and enter the router's IP address (commonly 192.168.1.1) or...

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