

Fiber Optic Home Router Setup



Article Overview

Setting up a home fiber optic router involves connecting the ONT to your router, configuring network settings, and optimizing Wi-Fi for fast, reliable internet.

Step 1: Gather Necessary Equipment

Before starting, ensure you have:

- Optical Network Terminal (ONT) provided by your ISP
- Compatible router with a WAN or SFP port for fiber input
- Fiber optic cable (usually SC/APC or SC/UPC connectors)
- Ethernet cable (Cat6 recommended) to connect the ONT to the router
- Optional: UPS or surge protector to safeguard your equipment

Step 2: Install the ONT

- Locate the fiber wall outlet where the ISP's fiber line enters your home.
- Connect the fiber optic cable from the wall outlet to the ONT's designated port.
- Plug in the ONT's power adapter and wait 2-5 minutes for the status lights to stabilize .

Step 3: Connect the Router

- Use an Ethernet cable to connect the ONT's Ethernet/LAN port to your router's WAN port.
- Power on the router and wait for the indicator lights to confirm a successful connection .

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