

How to set up a smart fiber optic router



Article Overview

To set up a router for fiber optic internet, connect the fiber line to an ONT, link the ONT to your router via Ethernet, then configure the router with your ISP credentials and Wi-Fi settings.

Step 1: Gather Required Equipment

- Optical Network Terminal (ONT): Provided by your ISP, converts fiber signals to Ethernet.
- Fiber optic cable: Usually yellow with SC/APC or SC/UPC connectors.
- Router: Must support fiber input (WAN port or SFP port).
- Ethernet cable: To connect the ONT to the router.
- Power adapters: For both ONT and router .

Step 2: Connect the Fiber Optic Cable

- Locate the fiber wall outlet where the ISP's fiber enters your home.
 - Remove protective caps from the fiber cable and ONT port.
 - Carefully insert the fiber cable into the ONT's optical port until it clicks securely.
- Avoid bending or touching the fiber tip .
- Power on the ONT 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 LAN port to the router's WAN port.
- Power on the router and wait for the indicator lights (Power, Internet, Wi-Fi) to turn green .
- Place the router in a central, open location for optimal Wi-Fi coverage

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