

How to set up a fiber optic router and connect cables



Article Overview

Installing a fiber optic router involves connecting the fiber line to an ONT, linking the ONT to a compatible router via Ethernet, and configuring the network for optimal performance.

Step 1: Verify Fiber Availability and Equipment

Before installation, confirm that fiber service is available in your area by contacting your ISP or checking their website . You will need:

- Fiber optic modem/ONT provided by your ISP
- Compatible router with a WAN or SFP port labeled for fiber or ONT input
- Fiber optic cable (typically SC/APC or SC/UPC connectors)
- Ethernet cable (CAT6 or higher recommended) to connect the ONT to the router

Step 2: Connect the Fiber Optic Cable

- Locate the fiber optic wall outlet where the ISP's fiber line enters your home.
- Plug one end of the fiber optic cable into the wall outlet and the other into the ONT's designated port.
- Power on the ONT and wait 2-5 minutes for the status lights to stabilize .

Step 3: Link the ONT to the Router

- Use an Ethernet cable to connect the ONT's Ethernet/LAN port to the router's WAN port....

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