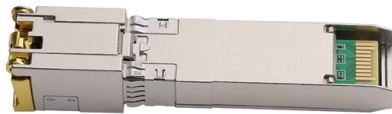


How to configure a router for a 50M fiber optic connection



Article Overview

To set up your router for a 50 Mbps fiber optic connection, connect the ONT to your router via Ethernet, configure the router with your ISP credentials, update firmware, and secure your Wi-Fi network.

Step 1: Gather Necessary Equipment

- Optical Network Terminal (ONT): Provided by your ISP, converts fiber signals into Ethernet-compatible data .
- Fiber optic cable: Connects the wall outlet to the ONT.
- Ethernet cable: Connects the ONT to your router's WAN port.
- Router: Ensure it supports at least 100 Mbps to fully utilize your 50 Mbps connection.

Step 2: Connect the Fiber Optic Line

- Locate the fiber wall outlet where the ISP's line enters your home.
- Plug the fiber optic cable into the ONT's optical port, handling the connector carefully to avoid damage .
- Power on the ONT and wait for the status lights to stabilize (usually 2-5 minutes).

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 to confirm a successful connection....

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