

Setting up a router with a 100M fiber optic connection



Article Overview

To set up a router for a 100M fiber optic connection, connect the fiber to an ONT, link the ONT to a compatible router via Ethernet, and configure the router with your ISP credentials and Wi-Fi settings.

Step 1: Gather Necessary Equipment

- Optical Network Terminal (ONT): Converts fiber optic signals into electrical signals for your router, usually provided by your ISP .
- Fiber-ready router: Ensure it supports at least 100 Mbps; gigabit routers are recommended for future-proofing .
- Fiber optic cable: Typically single-mode with SC/APC or SC/UPC connectors .
- Ethernet cable: Cat6 or higher to connect the ONT to the router .

Step 2: Install the ONT

- Locate the fiber wall outlet where your ISP's fiber line enters your home .
- Connect the fiber optic cable from the wall outlet to the ONT's designated port .
- 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 your router's WAN port .

Article Content

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