

How to set up a 300Mbps fiber optic wireless router



Article Overview

To set up a 300Mbps fiber optic router, connect the fiber line to an ONT, link the ONT to your router via Ethernet, configure the router settings, and optimize Wi-Fi for speed and security.

Step 1: Gather Equipment

Ensure you have the following:

- Optical Network Terminal (ONT) provided by your ISP
- Fiber optic cable (usually SC/APC or SC/UPC connectors)
- Router capable of handling 300Mbps speeds
- Ethernet cable to connect the ONT to the router
- Power adapters for both ONT and router

Step 2: Install the ONT

- Locate the fiber wall outlet where the ISP fiber enters your home.
- Connect the fiber optic cable from the wall outlet to the ONT's optical port. Handle the fiber 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 conne...

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