

How to adjust the modem router when installing fiber optic cable



Article Overview

To set up fiber optic internet, connect the fiber cable to an ONT, link the ONT to your router via Ethernet, and configure your router settings for optimal performance.

Step 1: Gather Necessary Equipment

Ensure you have the following: a fiber optic modem or Optical Network Terminal (ONT) provided by your ISP, a fiber-ready router (with WAN or SFP ports), a fiber optic cable (usually SC/APC or SC/UPC connectors), and a high-quality Ethernet cable (Cat6a or higher) to connect the ONT to your router .

Step 2: Install the Optical Network Terminal (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 for the status lights to stabilize, which may take a few minutes . Proper placement of the ONT near the fiber entry point helps minimize signal degradation .

Step 3: Connect the ONT to Your Router

Use an Ethernet cable to link the ONT's LAN port to your router's WAN port. Power on the router and wait for the indicator lights to confirm a successful connection. Some routers may have SFP or fiber-specific ports for direct fiber input, but most setups use the ONT as a bridge

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