

How to connect the fiber optic interface of the router



Article Overview

To connect a fiber optic interface to your router, you typically use an Optical Network Terminal (ONT) to convert the fiber signal to Ethernet, then link it to your router's WAN port.

Step 1: Check Compatibility and Gather Equipment

- Router compatibility: Ensure your router supports fiber input, either via an SFP, PON, or WAN port labeled for fiber connections .
- Required equipment: Fiber optic cable (usually single-mode with SC/APC or SC/UPC connectors), Optical Network Terminal (ONT) provided by your ISP, Ethernet cable (Cat6a or higher recommended), and power adapters for both ONT and 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 cable from the wall outlet to the ONT's optical port. Handle the fiber connector carefully to avoid dirt or damage .
- Power on the ONT and wait for the status lights to stabilize (usually 2-5 minutes), .

Step 3: Connect the ONT to Your Router

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

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Contact Us

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