

How to connect a fiber optic whole-house router



Article Overview

To connect a router to a fiber optic internet connection, you need an Optical Network Terminal (ONT) to convert the fiber signal, then link it to your router via Ethernet for full home coverage.

Step 1: Verify Equipment

Ensure you have the following:

- Optical Network Terminal (ONT): Provided by your ISP, it converts the fiber optic light signal into electrical signals your router can use .
- Compatible Router: Check that your router supports fiber input via a WAN or SFP port .
- Fiber Optic Cable: Usually a thin yellow cable with SC/APC or SC/UPC connectors .
- Ethernet Cable: To connect the ONT to your router .

Step 2: Connect the Fiber Optic Cable

- Locate the fiber wall outlet where the ISP's fiber line enters your home .
- Plug one end of the fiber optic cable into the wall outlet and the other into the ONT's designated port .
- Power on the ONT and wait 2-5 minutes for the status lights to stabilize .

Step 3: Link the ONT to Your Router

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

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