

Connection method of fiber optic box and router



Article Overview

To connect a fiber optic box (ONT) to your router, plug the fiber cable into the ONT, then use an Ethernet cable from the ONT to the router's WAN port.

Step 1: Gather the Necessary Equipment

- Optical Network Terminal (ONT): Provided by your ISP, converts fiber signals to electrical signals your router can use .
- Fiber optic cable: Usually yellow with SC/APC or SC/UPC connectors .
- Router: Ensure it supports fiber input or has a WAN port for Ethernet connection .
- Ethernet cable: Cat6a or higher is recommended for optimal speeds .
- Power adapters for both ONT and router.

Step 2: Install the ONT

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

- Use an Ethernet cable to connect the ONT's LAN/Ethernet port to the WAN port on your router .
- Power on the router and wait for the indicator lights to confirm a successful connection

Article Content

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