

Connecting a fiber optic router to a router



AI Overview

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

Step 1: Gather Necessary Equipment

- Optical Network Terminal (ONT): Provided by your ISP, this device converts the incoming fiber optic signal into an electrical signal compatible with standard routers ().
- Fiber optic cable: Usually pre-terminated with SC/APC or SC/UPC connectors, supplied by your ISP ().
- Ethernet cable (Cat5e or higher): Connects the ONT to your router ().
- Router: Ensure it has a WAN port and supports the speeds provided by your fiber connection ().

Step 2: Install the ONT

- Locate the fiber optic 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 input port. Handle the fiber connector carefully to avoid dirt or damage ().
- Power on the ONT and wait for the status lights to stabilize, indicating a successful connection to the ISP network ().

Step 3: Connect the ONT to Your Router...

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#HowTo #Connect #RouterBe careful while you connect it.Do not bend them.

Contact Us

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