

Wireless Router Fiber Optic Installation



Article Overview

Installing a wireless fiber optic router involves connecting the fiber line to an ONT, linking the ONT to your router, and configuring Wi-Fi settings for optimal performance.

Equipment Needed

- Optical Network Terminal (ONT): Converts fiber optic signals into data your devices can use, usually provided by your ISP .
- Compatible Router: Ensure it supports fiber input via WAN or SFP ports and modern Wi-Fi standards like Wi-Fi 6 or Wi-Fi 6e .
- Fiber Optic Cable: Typically yellow with SC/APC or SC/UPC connectors .
- Ethernet Cable: Connects the ONT to your router .
- Power Adapters: For both ONT and router.

Step-by-Step Installation

1. 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 designated port .
- Power on the ONT and wait 2-5 minutes for the status lights to stabilize .

2. Connect the Router

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

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