

Fiber Optic External Router Setup



Article Overview

To set up an external router for fiber optic internet, connect the fiber cable to an Optical Network Terminal (ONT), then link the ONT to your router via Ethernet, and configure the router for optimal performance.

Step 1: Gather Necessary Equipment

- Optical Network Terminal (ONT): Converts fiber optic signals into electrical signals your router can use, usually provided by your ISP .
- Fiber-ready router: Ensure it supports gigabit speeds or higher and has a WAN or SFP port compatible with fiber input .
- Fiber optic cable: Typically single-mode with SC/APC or SC/UPC connectors .
- Ethernet cable: To connect the ONT to the router.
- Power adapters for both ONT and router.

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 port, handling the cable carefully to avoid bending or damage .
- Power on the ONT and wait for the status lights to stabilize, which may take a few minutes .

Step 3: Connect the ONT to Your Router

- Use an Ethernet cable to connect the ONT's LAN/Ethernet port to the router's WAN port .
- Place the router in a well-ventilated area near a power outlet, ideally protected by...

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networking

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Description This article describes the configuration steps needed to use a FortiGate as an external router for fiber

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How to connect a fiber optic cable to the router

The router may require a few minutes to set up the new connection. 7. Verify the connection: To make sure everything

Contact Us

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