

Fiber Optic Router Gateway Settings

Article Overview

To configure a fiber optic gateway router, connect it to your ONT, access the admin panel via a browser, enter ISP credentials, and set up Wi-Fi and security settings for optimal performance.

Physical Setup

- **Connect the Fiber Line:** Plug the fiber optic cable from the wall outlet into your Optical Network Terminal (ONT). The ONT converts the fiber signal into Ethernet for your router .
- **Link the Router:** Use an Ethernet cable to connect the WAN port of your router to the ONT's Ethernet port . Ensure the router is powered on and indicator lights show a stable connection.
- **Check Compatibility:** Make sure your router supports fiber input, often via a WAN port or SFP slot labeled "ONT" or "Fiber" .

Accessing Router Settings

- Open a web browser on a device connected to the router.
- Enter the router's default IP address, commonly 192.168.1.1 or 192.168.0.1 .
- Log in using the default credentials (often admin/admin) or your customized login.

Configuring Internet Connection

- Navigate to WAN or Network Settings.
- Select the connection type provided by your ISP, typically PPPoE, DHCP, or Static IP .
- Enter the ISP-provided username and password if required .
- Save the settings and verify internet connectivity....

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