

Setting up Internet connection on a fiber optic router



Overview

Visit our Frontier self install & setup guide for your internet. Follow our step-by-step guide for a quick, reliable setup and support.

Key Takeaways

To set up a fiber optic internet connection, connect the fiber cable to the ONT, link the ONT to your router via Ethernet, and configure the router with your ISP credentials.

Step 1: Prepare Your Equipment

Ensure you have the following components:

- Optical Network Terminal (ONT): Converts fiber signals into Ethernet for your router . Usually provided by your ISP.
- Fiber optic cable: Typically yellow with SC/APC or SC/UPC connectors .
- Router: Must support fiber input via WAN or SFP port.
- Ethernet cable: To connect the ONT to the router .

Step 2: Connect the Fiber Optic Cable

- Locate the fiber wall outlet where the ISP's fiber line enters your home .
- Remove protective caps from the fiber cable and ONT port.



- Insert the fiber cable into the ONT's optical port, aligning the connector properly until it clicks securely .

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

Step 3: Connect the Router

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

- Power on the router and wait for the indicator lights to confirm a successful connection.

Step 4: Configure the Router

- Open a web browser and enter the router's IP address (commonly 192.168.1.1) to access the admin panel .

- Enter your ISP credentials (username and password) if required .

- Update the router firmware to ensure optimal performance and security .

- Configure Wi-Fi settings: set a strong password, choose a network name (SSID), and select the appropriate Wi-Fi standard (Wi-Fi 6 or 6e recommended) .

Step 5: Optimize Your Network

- Router placement: Position centrally to maximize Wi-Fi coverage .

- Use wired connections for critical devices to reduce latency and maximize speed .

- Monitor internet speed and adjust settings if necessary .

- Secure your network with strong passwords and encryption protocols . Following these steps ensures a fast, reliable, and secure fiber optic internet connection for your home or office.

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To connect your new gateway, simply connect your color-coded cables as you see in the picture above. Note: If after 10 minutes the

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