

How to register a fiber optic router



Overview

Settings > Select your Wi-Fi Network Name (SSID) > enter the 12-character password from the sticker on your gateway.

Key Takeaways

To register a fiber optic router, connect it to the optical network terminal (ONT), access the router's interface, and follow your ISP's registration process using the provided IDs and credentials.

Step 1: Prepare Your Equipment

- Ensure your fiber optic line is active and the ONT is installed by your ISP or technician ().
- Remove any dust caps from the fiber ports on both the ONT and your router ().
- Place your router in an open area for optimal Wi-Fi coverage, avoiding walls or enclosed spaces ().

Step 2: Connect the Router

- Use an Ethernet cable to connect the WAN port of your router to the Ethernet port on the ONT ().
- If your router has an integrated fiber modem, connect it directly to the fiber outlet ().

Step 3: Access the Router Interface

- Open a web browser and enter the router's IP address, typically or for FRITZ!Box routers ().



- Log in using the default password provided with your router or set during initial setup ().

Step 4: Register the Router with Your ISP

- Locate your Modem-ID and Fiber-ID (or Home-ID) on the router and fiber outlet ().
- Follow the ISP's registration link, often sent via email or SMS, and select the option for a fiber modem or integrated router ().
- Enter the Modem Installation Code (MIC) or other credentials provided by your ISP ().
- Wait for the registration process to complete; the router LEDs will indicate a successful connection ().

Step 5: Configure Wi-Fi and Security

- Set a custom Wi-Fi network name (SSID) and a strong password ().
- Update the router firmware if prompted to ensure security and performance ().
- Test the internet connection on multiple devices to confirm proper setup ().

Step 6: Optional Optimization

- Use wired connections for critical devices to maximize speed and reduce latency ().
- Monitor internet speed and adjust router placement if coverage is weak ().
- For advanced users, configure VLANs, QoS, or Wi-Fi 7 features to fully leverage fiber speeds (). Following these steps ensures your fiber optic router is properly registered, connected, and optimized for high-speed internet access.

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