

Fiber optic connection replaced with router



AI Overview

You can replace your fiber provider's default router with your own, provided your router has a compatible WAN/Ethernet port and your ISP's ONT is in place.

Understanding the Setup

Fiber optic internet delivers data as light pulses through ultra-thin glass strands, offering high speeds, low latency, and reliable connectivity . Unlike DSL or cable, fiber requires an Optical Network Terminal (ONT), which converts the fiber signal into an Ethernet connection that your router can use . The ONT is typically installed by your ISP inside or outside your home and is essential for connecting any router to the fiber network .

Router Compatibility

To use your own router with fiber:

- **WAN/Ethernet Port:** Your router must have a Gigabit Ethernet WAN port to connect to the ONT .
- **Speed Support:** Ensure the router can handle the speed tier of your fiber plan; older routers may limit performance .
- **Wi-Fi Standard:** For optimal performance, a Wi-Fi 6 or 6E router is recommended, especially for gigabit or multi-gigabit fiber plans .
- **Configuration:** Some ISPs may require specific settings such as VLAN, DHCP, or PP...

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Can i use a normal router on fiber optic cable wifi?

If the fiber directly attaches to the huawei device then you can not replace it. It has 2 function the first is to convert the

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Contact Us

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