

Can a 100 Mbps fiber optic connection be used with a 360 router P1



Article Overview

Yes, the 360 Router P1 can be used with a 100Mbps fiber optic connection, but performance depends on its Wi-Fi standard and Ethernet capabilities.

Compatibility with Fiber Internet

Fiber internet typically terminates at an Optical Network Terminal (ONT) provided by your ISP, which converts the fiber signal into Ethernet. To use your own router, it must have a WAN Ethernet port capable of handling the incoming speed from the ONT . The 360 Router P1, being a consumer-grade router, generally supports standard Ethernet WAN connections, so it can connect to the ONT for a 100Mbps fiber service .

Performance Considerations

- **Wi-Fi Standard:** The 360 Router P1 may use Wi-Fi 5 (802.11ac) or Wi-Fi 4 (802.11n). For a 100Mbps fiber connection, Wi-Fi 5 is sufficient to achieve near-full speeds on most devices, while Wi-Fi 4 may limit wireless performance, especially with multiple devices .
- **Coverage and Mesh Features:** The "360" branding often refers to mesh or omnidirectional coverage. For a typical home under 1,800 sq ft, the P1 should provide adequate coverage, but performance may vary depending on walls, interference, and device placement .
- **Ethernet Connections:** For maximum speed, connecting devices via Ethernet to th...

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