

What Xiaomi router should I use for a 200m fiber optic connection



Overview

Fiber Optic Router for the Home: Is the Xiaomi Router. Upgrading to a fiber optic router for the home, such as the Xiaomi BE5000, can unlock true fiber.

Key Takeaways

For a 200 Mbps fiber optic connection, the Xiaomi BE5000 or BE3600 are the best choices, offering multi-gig WAN ports, Wi-Fi 7 support, and stable performance for multiple devices. Recommended Xiaomi Routers



1. **Xiaomi BE5000** The BE5000 is fully compatible with fiber optic internet and includes a 2.5 Gbps WAN port, which ensures your 200 Mbps fiber connection is fully utilized without bottlenecks. It supports Wi-Fi 7, providing high-speed wireless coverage and efficient mesh networking for multi-story homes. The router also integrates seamlessly with the Xiaomi Mi Home ecosystem, making it ideal if you have multiple smart devices. Users report stable performance under heavy concurrent usage, maintaining near full bandwidth on wired connections.

2. **Xiaomi BE3600** The BE3600 offers dual-band Wi-Fi 7 with theoretical speeds up to 3570 Mbps and a 2.5 Gbps Ethernet port capable of handling fiber broadband up to 2 Gbps. It supports up to 128 devices simultaneously, making it suitable for homes with many connected devices. Features like OFDMA, 4K QAM, and multiple independent signal amplifiers ensure strong coverage and minimal interference, which is beneficial for maintaining consistent speeds across a 200 Mbps fiber connection.

3. **Xiaomi AX3600 (Optional)** If your home has a large number of devices but you do not require Wi-Fi 7, the AX3600 is a solid Wi-Fi 6 router that can handle multiple devices efficiently and provides stable speeds for a 200 Mbps fiber connection. It is less future-proof than the BE5000 or BE3600 but still a reliable option for standard fiber plans.

Key Considerations

- **WAN Port Speed:** Ensure the router has at least a 1 Gbps port for 200 Mbps fiber, though 2.5 Gbps ports future-proof your setup.
- **Wi-Fi Standard:** Wi-Fi 7 (BE5000/BE3600) offers higher throughput and better device management than Wi-Fi 6 (AX3600).
- **Device Load:** For homes with many smart devices, routers like BE5000 or BE3600 handle high concurrency better.
- **Mesh Networking:** If your home is large or multi-story, routers supporting mesh setups provide consistent coverage.

Conclusion

For a 200 Mbps fiber optic connection, the Xiaomi BE5000 is the top choice due to its 2.5 Gbps WAN port, Wi-Fi 7 support, and robust mesh capabilities. The BE3600 is also excellent, offering similar features and high device capacity. The AX3600 is suitable for smaller setups or fewer devices but is less future-proof. Both BE5000 and BE3600 ensure you fully utilize your fiber connection while maintaining stable performance across multiple devices.

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