

Installing a mobile router using fiber optic cable



Article Overview

To install a mobile router with a fiber optic connection, you need an ONT to convert light signals to data, then connect it to your router via Ethernet for high-speed internet.

Required Equipment

- Optical Network Terminal (ONT): Converts fiber optic light signals into electrical signals your router can use .
- Fiber optic cable: Typically single-mode with SC/APC or SC/UPC connectors .
- Ethernet cable: Cat6 or higher recommended to link the ONT to your router .
- Fiber-ready router: Ensure it supports gigabit speeds and has a WAN or SFP port compatible with fiber .

Step-by-Step Installation

- Locate the fiber wall outlet: This is where your ISP's fiber line enters your home .
- Connect the fiber optic cable to the ONT: Insert the fiber cable into the designated port on the ONT, ensuring a secure fit to avoid signal loss .
- Power on the ONT: Use the provided adapter and wait 2-5 minutes for the status lights to stabilize .
- Connect the ONT to your router: Use a high-quality Ethernet cable to link the ONT's LAN port to the router's WAN port .
- Power on the router: Wait for the router's indicator lights to confirm a successful connection

Article Content

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Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.thebucketlistbook.co.za>

Email: sales@thebucketlistbook.co.za

Phone: +33 1 42 78 39 16

Address: 10 Rue de la Paix, 75002 Paris, France

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