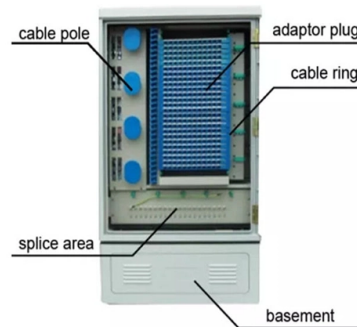


How to connect a router to a home dual-fiber optic connection



Article Overview

You can use a dual-WAN or multi-WAN router to combine two fiber optic connections for improved speed, reliability, and failover.

Hardware Setup

- Install Optical Network Terminals (ONTs): Each fiber connection requires its own ONT provided by your ISP. Connect the fiber optic cables from the wall outlets to the ONTs using the appropriate connectors (SC/APC or SC/UPC) and power them on until the status lights stabilize .
- Connect ONTs to the Router: Use Ethernet cables to connect each ONT to the router's designated WAN ports. Ensure your router supports dual-WAN, load balancing, or link aggregation .
- Router Placement: Place the router in a central location for optimal Wi-Fi coverage, avoiding enclosed spaces or obstructions .

Router Configuration

- Access Router Settings: Open a web browser or the router's mobile app and log in using the IP address or credentials provided in the router manual .
- Enable Dual-WAN or Load Balancing: In the router settings, locate the WAN configuration or link aggregation/load balancing section. Enable the feature and assign each WAN port to one of the fiber connections .
- Configure Failover or Traffic Distribution:
- Failover: One connection acts as primary, and the second automatically takes over if the first fails....

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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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