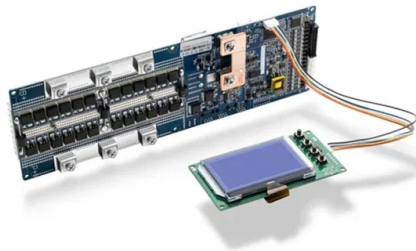


How to install a dual-fiber router



Article Overview

You can connect a dual-fiber router by using either a wired LAN-to-LAN or LAN-to-WAN setup, or by configuring one router as a wireless bridge to extend your network.

Step 1: Identify Your Primary and Secondary Routers

Determine which router will serve as the main router connected directly to the internet via fiber. The secondary router can act as an additional access point, network extender, or separate subnet for guest or IoT devices. Ensure both routers support bridge mode, WDS, or repeater functionality if you plan a wireless connection .

Step 2: Wired Connection (Recommended for Stability)

- LAN-to-WAN Method: Connect an Ethernet cable from a LAN port on the primary router to the WAN (Internet) port on the secondary router. This allows the secondary router to manage its own subnet and DHCP settings .
- LAN-to-LAN Method: Connect a LAN port on the primary router to a LAN port on the secondary router. Disable DHCP on the secondary router to avoid IP conflicts. This method extends the same network across both routers, ideal for seamless Wi-Fi coverage .
- Configure IP Addresses: Assign a static IP to the secondary router within the primary router's subnet but outside its DHCP range to prevent conflicts. For example, if the primary router is 192.168.1.1, set the secondary to 192.168.1.2 .

Step 3: Wireless Bridge or Repeater Setup...

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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