

Installing two routers for fiber optic internet access



Article Overview

You can connect two routers to a single fiber optic line by using the first router as the primary gateway and configuring the second router in Access Point or bridge mode to extend or segment your network.

Step 1: Identify Your Primary Router

The primary router is the one connected directly to your fiber modem or Optical Network Terminal (ONT). This router manages the internet connection, assigns IP addresses, and acts as the main gateway for your network. If your ISP provides a combined modem-router device, this will serve as your primary router.

Step 2: Choose the Secondary Router

Select a secondary router that supports Access Point (AP) mode or bridge mode. This ensures compatibility and allows the second router to extend your network without causing IP conflicts. Make sure it operates on the same frequency bands as the primary router to avoid interference.

Step 3: Physical Connection

Use an Ethernet cable to connect the routers. The most common setup is:

- Connect a LAN port on the primary router to the WAN port of the secondary router...

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