

Do I need to buy a router to activate fiber optic internet



Article Overview

Yes, you need a router to distribute your fiber internet connection, but you do not need a modem.

Fiber optic internet requires an Optical Network Terminal (ONT), which converts the fiber signal into an electrical signal your devices can use. The ONT acts as the modem equivalent, so a traditional modem is not necessary . Once the ONT is installed and activated by your ISP, a router is required to share the internet connection across your home network, either via Wi-Fi or Ethernet .

Using Your Own Router

You can use your own router if it is fiber-compatible. Key requirements include:

- A Gigabit Ethernet WAN port to connect to the ONT .
 - Support for your plan's speed tier, especially if you have gigabit fiber .
 - Modern Wi-Fi standards like Wi-Fi 6 or 6E for optimal speed and device management .
 - Dual-band or tri-band capability to reduce interference and improve performance .
- Older routers designed for DSL or cable may not work because they lack the correct WAN port or speed support . If your existing router meets these requirements, you can use it; otherwise, purchasing a new router is recommended to fully utilize fiber speeds .

ISP-Provided Equipment



Article Content

Special Modem/router for fiber? : r/buildapc

Generally your ISP will run their fiber into an ONT (which they generally provide), and then you plug a router into that ONT to provide

Complete Guide to Fiber Optic Home Networking | BroadbandSearch

Build a home fiber network for 1-2 Gbps speeds with this complete guide to installation, troubleshooting, and performance.

What equipment is needed for fiber optic internet

Fiber optic internet needs special equipment like fiber optic cables, an Optical Network Terminal (ONT), and a router to

Guide to Installing Fiber Internet at Your Home

To install fiber internet at your home, you would need things like a fiber internet provider at your address, an optical

Do I need a modem for fiber or just a router? | Fastwyre Broadband

Need a modem for fiber? No—fiber uses an ONT to feed your router. Learn bridge mode basics and quick steps for fast, reliable Wi-Fi.

9 Best Fiber Internet Routers 2025 | HighSpeedOptions

Make the most of your fiber internet connection with the right equipment. Here we show you the 9 best routers for fiber internet.

Do I need a modem for fiber or just a router? : r/ZiplyFiber

You then connect an ordinary router to that jack. If your "modem/router" box was left over from DSL, then it would have contained a

Does fiber require a modem/router? : r/techsupport

With fiber optics your Optical Network Unit would be your "modem". Fiber optics would go into it and Cat5 or coaxial or telephone

What Do I Need to Install Fiber-Optic Internet in My House?

Here's your guide on getting ready to install fiber-optic internet in your home, and why getting it done professionally by

Routers For Fiber Optic Internet

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