

Is it okay to not use a router with fiber optic internet at home



Article Overview

You can technically connect a single device directly to the ONT, but a router is recommended to distribute your fiber internet throughout your home and manage multiple devices efficiently.

Understanding Fiber Internet Setup

Fiber optic internet uses light signals transmitted through fiber cables, which are converted into Ethernet signals by an Optical Network Terminal (ONT) installed by your ISP . Unlike DSL or cable, fiber does not require a traditional modem, so the ONT serves as the interface between your home network and the ISP .

Direct Connection Without a Router

It is possible to connect a single computer or device directly to the ONT using an Ethernet cable. This setup allows internet access without a router, but it comes with limitations:

- Only one device can be connected at a time.
- No Wi-Fi access for wireless devices.
- Limited network management, such as parental controls, Quality of Service (QoS), or device prioritization.
- Potential security risks, as the ONT may not provide firewall protection like a router does

Article Content

Dec 25, 2025

Do you need a special router for fiber optic internet?

By implementing these optimization strategies, you can ensure your fiber optic internet connection performs at its peak, providing a

Mar 22, 2026

Does Fiber Optic Internet Need a Modem?

When hiring a fiber internet provider like Fidium Fiber, you may wonder why you need an ONT instead of using the

Mar 20, 2026

Fiber vs. Cable Internet 101: The Best Tips | Dong Knows Tech

Any standard router, including the primary unit of a mesh Wi-Fi system, will work at its full potential with any standard

Jun 25, 2026

what routers can you use with only a fiber optic cable

Hello, I tried using my own router rather than renting Verizon's for \$15 a month. But when I got to the apartment, only a fiber optic

Mar 16, 2026

Going from cable internet to fiber, what should I look ...

So we are going to finally be rid of the cable company in a few months. I know can't use my modem/router combo (can't even use router

Jul 12, 2026

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.

Feb 03, 2026

Can I use my existing router with fiber?

Can I use my router with AT&T Fiber? Find out if your router is compatible, learn about setup, and explore alternatives

Aug 04, 2025

Can I use fiber instead of Ethernet to get wired connection ...

Can I use fiber instead of Ethernet to get wired connection upstairs ? Hello everyone, I recently bought a house and would like to

Nov 21, 2025

Fiber Optic Internet - A Complete Guide | Learn | Hitron

Fiber does not directly connect to your local area network (LAN) connected devices like a cable modem,

Nov 09, 2025

The ULTIMATE Guide to Fiber Optic Home Networking

Do you have a need to extend your home network around your property? Maybe you want reliable internet in the

Aug 11, 2025

Fiber Internet Installation Guide | BroadbandSearch

If you're curious about different types of internet connections, understanding fiber's advantages can help you

Jul 04, 2026

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

Feb 04, 2026

Modem or Router: Essential for Fiber Internet?

Understanding this distinction is vital because it clarifies why a traditional cable or DSL modem is incompatible with fiber optic

Apr 13, 2026

Fiber Optic Cable to Router: Step-by-Step Guide

Master the process of connecting a fiber optic cable to your router. Dive into preparation tips, setup instructions, and configuration

Jun 27, 2026

Best routers for fiber internet 2025: our top picks for fast broadband

Is a fiber router worth the cost? A fiber-optic connection is the best choice for fast home internet as it has a number of

Apr 22, 2026

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.

Mar 30, 2026

Just got fiber internet

I think maybe your terminology is being used wrong. The ONT (which converts optical to copper) is dictated by the ISP. If they are

Jan 14, 2026

Fiber Optic Router — Everything You Need to Know

IoT solutions A fiber router in combination with fiber optic internet enables high-speed internet so that you can efficiently use IoTs in

Sep 04, 2025

The Best Routers for Fiber Internet: My Expert Picks

By using the best router for fiber internet, you can get the most out of the fast speeds. So, if you want unparalleled

Aug 22, 2025

Do You Get Wi-Fi with Fiber Internet? | Complete 2025 Guide

Wondering if fiber internet includes Wi-Fi? Learn how fiber connections deliver ultra-fast speeds, what equipment you need, and how

Nov 30, 2025

Will any router work with fiber optic? | Finddiffer

Can I use a normal router on fiber optic cable Wi-Fi? Since fiber cables can't connect directly to a router, an ONT converts optic

Aug 17, 2025

Fiber Optic Equipment: What Do You Need for Internet?

Do I Need a Special Router for Fiber Optic Internet? You don't need a special router, per se, but you do need one

Jul 27, 2026

What You Need to Install Fiber-Optic Internet

Let's take a closer look at each one. Locate your fiber network terminal In order to install your own fiber internet, you

Oct 26, 2025

Does Fiber Internet Need a Modem?

Cable and DSL require users to have a traditional modem and a Wi-Fi router to transmit their internet connection throughout the

Nov 26, 2025

Does Fiber Internet Need a Modem?

Fiber internet doesn't need a modem but requires an ONT to convert fiber signals for your router. Learn how fiber

May 18, 2026

Does Fiber Internet Need a Modem (2026)?

Setting up a fiber internet connection involves specific hardware components that differ from those used in cable or DSL setups.

Contact Us

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

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

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

