

## Do I need a router if I m installing fiber optic internet at home



### Overview

Yes, fiber internet requires specific equipment including an Optical Network Terminal (ONT) and a compatible router. The ONT converts fiber-optic light signals into electrical signals your devices can use. Do I Need a Special Router for Fiber Optic Internet?

You don't need a special router, per se, but you do need one that can handle the speed fiber provides. If you're paying for gigabit fiber service, make sure your router supports at least gigabit Ethernet ports and dual-band or tri-band WiFi (like). A quality fiber router is the second critical component in your equipment lineup. Your router must have a Gigabit Ethernet WAN port to connect to the ONT. Routers designed for DSL (which uses phone line inputs) or cable (which uses coaxial inputs) won't work.

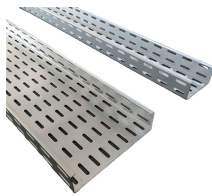
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While the ONT is necessary for converting the fiber optic signal, you will still need a router to distribute the internet connection to multiple devices within your home or business.



Identify where you want the fiber cable to enter your home — usually through an exterior wall closest to where you want the ONT and router to live. Clear any furniture away from that interior ...



Since installing fiber most often requires laying a new cable and ...



Wondering if you can use your own router for fiber internet? Learn about compatibility, setup tips and what to consider before replacing your equipment.



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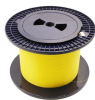
Explore how fiber optic internet is installed in your home, with step-by-step details on cables, ONTs, routers, and what to expect during the appointment.



To enjoy the full benefits of fiber, you'll need to connect your ONT to a fiber internet router. The router is what broadcasts your internet signal to the rest of the home via WiFi.



Discover the essential equipment needed for fiber-optic internet, including modems, routers, Ethernet cables and more. Learn how to optimize your setup.



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The short answer is no, you don't necessarily need a special router for fiber optic internet. However, having a router that is optimized for fiber optic internet can make a big difference ...



Do I need special equipment for fiber internet installation? Yes, fiber internet requires specific equipment including an Optical Network Terminal (ONT) and a compatible router.



Since installing fiber most often requires laying a new cable and setting up specialized equipment, fiber providers typically do not give the option for you to self-install fiber internet.

## Contact Us

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