

Can a gigabit router be used with a 20m fiber optic connection



Overview

A fiber plan with a 2 Gbps or 5 Gbps cap needs a WAN port that exceeds standard gigabit. A 2.5 GbE or 10 GbE port on the modem ensures you can saturate the connection to a single wired device.

Key Takeaways

When selecting a router for fiber optic internet, ensure it is a “fiber compatible router” with a Gigabit WAN port. While routers are designed to connect to a modem, the type of modem and the connection protocol are where compatibility with fiber becomes a crucial consideration. Understanding compatibility, potential limitations, and when an upgrade is necessary will ensure you get the most out of your high-speed connection. Some fiber internet plans. The two most common types of Ethernet speeds are Fast Ethernet (10/100Mbps) and Gigabit Ethernet (10/100/1000Mbps), which are more than enough for most people's local network uses. But as the internet access increases, the network speed decreases gradually since Ethernet cannot handle such heavy. If you've recently upgraded to fiber router service offering gigabit or multi-gigabit speeds, your current router may be the weak link preventing you from achieving maximum performance. There are situations where neither solution is feasible and this leads to a great deal of.



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ONT...What is it and how is it used in a fiber network?

If you're getting fiber Internet service, you may hear your provider mention the term ONT. But what exactly is it—and do you need one? An ONT, or Optical Network

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