

Broadband directly connected to the switch



Overview

Most switches are compatible with cable modems and can be connected directly, provided they have the necessary Ethernet ports and support the same networking standards as the cable modem, such as Ethernet or Gigabit Ethernet. I understand that a Router is a device that can connect multiple networks between them, so I find no problem understanding how it can make the nodes from the local network to interact with Internet. But how does this works with a Hub and Switch, that are a bit more straightforward and simple. With a fiber ONT can I go straight into a switch?

I have multi gig internet coming into my house via a fiber ONT. I am thinking of getting the deco x75 pro mesh routers that offers (1)- 2. 5gbps port and (2) gigabit ports. Unlike tudor -Reinstate Monica-, I'm on the FTTP (Fibre To The Premises) connection option, which effectively means that I have a completely fibre-based connection. Instead of upgrading my router, I'm considering placing an unmanaged 10gb switch between my modem and router (switches seem to be a LOT cheaper than routers) to allow other wired devices to take advantage of the full 10Gbps speed while still using my router for WiFi and DHCP. Do not connect your network switch directly to the modem because most modems do not have enough security to keep your.

Article Content

Mar 07, 2026

How Do You Connect A Network Switch To A Router

Learn how to connect a network switch to a router seamlessly with this comprehensive guide. Understand the steps and optimize your network setup

Mar 15, 2026

Can I Put a Switch Before My Router? (10Gbps Fiber Setup Question)

The switch before the router would only serve to split the connection to multiple devices that need independently assigned public IP's. If you want to use devices, you'd need them to be

Jul 16, 2025

Direct connection vs use of network switch

I guess what I'm essentially asking is does connecting devices to my router via a network switch and/or Ethernet ports mid way significantly reduce speed or any other aspects of performance.

Aug 12, 2025

With a fiber ONT can I go straight into a switch?

It is possible to do this if your switch is managed and you know how to work VLANs and your router support VLANs. The term for this config is "router on a stick".

Jan 16, 2026

Exploring the Possibility: Can You Connect a Switch Directly to Your ...

This article aims to delve into the feasibility of directly connecting a switch to a cable modem, exploring the potential benefits, limitations, and best practices associated with this setup.

Mar 09, 2026

How to Connect Your Computer to Your Router with a

What you need to connect a computer To connect your computer to a router or gateway, you'll need an Ethernet cable or an Ethernet adapter,

May 21, 2026

How to use a Network Switch With a Router? (Settings, Guides)

First, unplug all the power supply from your router. Take another ethernet cable and connect one end to the switch and the other end to your device. Now switch on the router, you will have internet access

Nov 27, 2025

How to switch your broadband provider

Want to switch your broadband service? Here's how to do it all, from finding the speed you need to choosing the right provider and deal for you.

Nov 03, 2025

Light Reading

Light Reading is the leading source of news analysis for communications industry professionals.

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The new One Touch Switch broadband process

Switching broadband just got even easier. Here's what the new process means for you next time you change broadband providers.

Oct 31, 2025

Step-By-Step Guide: How to Connect Switch to Router and Configure ...

Knowing how to connect switch to router is quite essential to enter the ethernet network. In this blog, we'll provide a step-by-step guide to help you achieve it.

Feb 20, 2026

Can a Switch or Hub be connected directly to the Internet?

Using a switch before your router is mainly used when you rent multiple static IPs from your ISP. You plug a switch into the ISP device which allows multiple routers to get multiple static

Jan 09, 2026

How to Connect a Network Switch to a Router | Set Up

Even if you've never tinkered with a networking device before, network switches are easy to set up; you just need to plug in an Ethernet cable to

Jan 09, 2026

networking

The NBN is Australia's high-speed broadband network that is explained in great detail here, so I'll try to keep this question brief. Unlike tudor -Reinstate

Jul 17, 2025

Voice over IP

For on-premises systems, local endpoints within the same location typically connect directly over the LAN. For remote and external endpoints, available connectivity

Nov 08, 2025

Amazon Leo's Globalstar deal changes the satellite race

Amazon's \$11.6B acquisition of Globalstar supercharges Amazon Leo with direct-to-device satellite capability and puts Starlink on notice. Here's what it means for MNOs and global

Sep 16, 2025

Just wondering if I could hook the switch directly to the ONT before the wireless router and still get it to work and make the routers access points only. I just did not want to spend \$150 to...

Mar 29, 2026

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

Aug 29, 2025

Why Does A Network Switch Not Work When Directly Connecting To

Discover why your network switch may not be working when directly connected to your internet provider's cable. Learn about potential issues and solutions.

Mar 24, 2026

What is an Ethernet switch?

What is an Ethernet switch? An Ethernet switch is a type of network hardware that is foundational to networking and the internet. Ethernet switches connect cabled

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