

Can home broadband be connected to a switch



Summary of Content

Yes, home broadband can be connected to a network switch, but it must go through a router first to provide internet access and manage IP addresses.

How It Works

A typical home broadband setup involves a modem that connects to your Internet Service Provider (ISP). The modem is then connected to a router, which manages your local network and assigns IP addresses to devices. A network switch can be added to expand the number of wired connections available for devices like computers, smart TVs, or NAS devices .

Step-by-Step Setup

- **Connect the Modem to the Router:** Use an Ethernet cable to connect the modem's output to the router's WAN (Internet) port .
- **Connect the Router to the Switch:** Plug an Ethernet cable from one of the router's LAN ports into any port on the switch .
- **Connect Devices to the Switch:** Plug your devices into the remaining ports on the switch using Ethernet cables. The switch will forward traffic to the router, which provides internet access .
- **Power On and Verify:** Ensure the switch is powered on and check the indicator lights to confirm connectivity. Devices connected to the switch should automatically receive IP addresses from the router's DHCP server .

Important Considerations

Article Content

How Do You Connect A Network Switch To A Router

Introduction Connecting a network switch to a router is a fundamental aspect of building a

can i have two broadband routers plugged in to a switch?

Assuming each of the routers will be connected to a different circuit and if the routers are configured as transparent

Does a switch always need to be connected to a router?

First, does a switch always need to be connected to a router? For folks using non-managed consumer hardware, the answer is

The Essential Guide to Building Your Home Network: Switches,

Test with a different device: Rule out hardware problems by connecting another laptop or phone. Understanding how switches and

Broadband and Home Phone Deals in July 2026

Find our best broadband and home phone packages to get both for a single, seamless

Moving house and broadband

Home > Broadband > Broadband Guides > Moving house and broadband Moving house and broadband How to

Fibre to the premises (FTTP) broadband explained

Nearly seven million households can get fibre to the premises broadband. MoneySavingExpert takes a look at what

is it possible to connect a wifi router to a switch?

I cant do it that way. My modem connection is fixed to the wall. I want to move the router from where it is, to have better

2 Routers connected to a switch in a single network

At home I have the following setup - a tp-link switch modem connected to the internet and 2 routers (both AX53 3000),

How to Use a Router as a Switch: A Step-by-Step Guide

By setting up a network switch and router correctly, you can ensure a seamless and efficient network experience for your home or

A guide to home broadband installation

If you are switching between providers that use the same type of network – for instance, a fibre broadband

How to Use a Router as a Switch: A Step-by-Step

Repurpose an old router into a switch to expand your home networkIf you need to add more

Routers vs. Switches vs. Access Points

A switch is designed to connect devices within a computer network, while a router is designed to connect across

How to Setup a LAN Network Using a Switch?

It's quite simple to set up a LAN network with a switch. In this blog, you'll also learn how your network's speed and

How To Set Up A Network Switch For Home Networking

Learn how to set up a network switch for your home network with expert tips and guidance. Improve your home

Understanding Routers, Switches, and Network Hardware

A modem connects your home network to the Internet, and a router ensures the traffic from the Internet reaches the

How To Connect A Wireless Router To A Network

Introduction Connecting a wireless router to a network switch can expand the capacity and

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

By connecting a gigabit switch to your router, you can provide high-speed internet access to multiple ethernet devices,

What Is a Network Switch, and Do You Need One? | Wirecutter

A network switch adds more ports to your router. It's useful if you have a lot of wired devices in one place, or if you

Switch Broadband | Switch Broadband Provider | BT

Looking to switch broadband providers? BT is the UK's most popular, and switching is easier than you think. Find out how to switch

Can I use a switch instead of a router to connect wired only devices to ...

My question is instead of using a router, since I will only be connecting my devices (desktop, xbox, and tv) via ethernet

Broadband & moving house

Upcoming house move? Sorting broadband is probably on your to-do list and, with some

How to Connect a Switch to a Router and Configure Settings

Learn how to connect a network switch to your router and configure router settings effectively. This guide covers each

can i have two broadband routers plugged in to a switch?

I would like both broadband routers connected to the switch and the computers connect via the switch to the internet.

Network Switch Before or After Router?

Fig1. Home network diagram with switch and router How to Setup a Network Switch and

Expanding Router Ports and Connecting Switches Together

Switches vs Routers When expanding the ports on the network we use additional switches and not routers. Generally

What Is a Network Switch, and When Do You Need One?

A network switch is a small box that adds extra Ethernet ports to your router. If you want to use several devices over a

Is a router necessary between a modem and a switch?

A switch is used to provide additional ports, expanding the capability of the router. A switch will not provide routing

Contact Us

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