

Devices that can be connected to a switch



Article Overview

A network switch can connect computers, servers, printers, wireless access points, VoIP phones, and other networked devices, including Power over Ethernet (PoE) devices.

Common Devices Connected to a Switch

- **Computers and Laptops:** Standard endpoints in a LAN that communicate with each other and access shared resources through the switch .
- **Servers:** Provide centralized services such as file storage, databases, or applications, and rely on switches for high-speed connectivity .
- **Printers and Scanners:** Networked printers can be shared across multiple devices via a switch, improving efficiency in office environments .
- **Wireless Access Points (APs):** Connect Wi-Fi-enabled devices to the wired network; switches provide the wired backbone for APs .
- **VoIP Phones:** Voice-over-IP phones connect to switches to transmit voice data over the network .
- **Power over Ethernet (PoE) Devices:** Devices like IP cameras, VoIP phones, and APs can receive both data and electrical power through a single Ethernet cable from a PoE-enabled switch .

Additional Considerations

- **Managed vs. Unmanaged Switches:** Unmanaged switches provide plug-and-play c...

Article Content

Jun 17, 2026

How to Use a Network Switch: Beginner's Easy Step-by-Step Guide

Use Ethernet cables (Cat5e, Cat6, or Cat6a recommended for gigabit speeds or higher) to connect your computers,

Jul 03, 2026

What is a Network Switch? How it Works and Types

What is a network switch? A network switch connects devices in a network to each other, enabling them to talk by

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What is a network switch? | Switch vs. router

A network switch forwards data between devices, unlike routers, which forward data between networks. Learn about Ethernet

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Network switch

A switch is a device in a computer network that connects other devices together. Multiple data cables are

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I always plug these 6 devices into my Ethernet ports

There are a lot of different devices that can be plugged into your computer's Ethernet port, and there are also gadgets

May 07, 2026

What Is a Network Switch? | How Do Network Switches Work? | Akamai

A network switch is a technology that allows two or more IT devices such as computers to communicate with each other, forming a

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Essential Network Devices: Hub, Switch, Router, and More

Devices connected to a hub share bandwidth, which can cause network performance issues if too many devices transmit data at the

Dec 09, 2025

Network Switches 101: Unmanaged vs. Managed vs.

Network switches: It's about uncompromising local bandwidth As mentioned, a switch also

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How does a switch work?

They connect multiple devices, such as computers, wireless access points, printers, and servers; on the same network within a

Feb 19, 2026

Networking Devices Explained: A Beginner's Guide to Routers,

A Switch is a network controller that enables devices to communicate more efficiently within a network. Switches

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How does a switch work?

Switches are key network building blocks. Learn how does a switch work to securely connect your small business to the rest of the

Aug 01, 2025

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

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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.

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Common Types of Network Devices and Their Functions (2026)

There are various types of network devices used in networks; some of the most common are hubs, switches, routers,

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Computer Networking Devices Explained with Function

To connect two different media types such as UTP and Fiber optical. To connect two different network architectures

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Top 8 Common Types of Network Devices

A translational bridge can configure each other's source and destination address when switching between Ethernet

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Network Devices: Common Types and Their Functions

A network device is a physical device that is used to connect other physical devices on a network. Types of network

Nov 23, 2025

What is a network switch and how does it work?

Once a device is connected to a switch, the switch notes its media access control (MAC)

Jan 07, 2026

Different Networking Devices And Hardware Types — Hub, Switch,

These network devices also work at different segments of a computer network performing different works. Know

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Local area network hardware

hubA piece of hardware used in computer networks used to connect multiple devices., switch close switchA device for connecting

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Understanding Network Switches: The Key to Connecting Multiple

Network switches are essential components in local area networks (LANs), facilitating communication between

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Network Devices (Hub, Repeater, Bridge, Switch, Router, Gateways

Network devices or networking hardware are the physical devices that are used for establishing connections and

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Different Types of Network Switches

There are several types of network switches and understanding the differences can help you make the right choices for your small

Jun 26, 2026

How to find all the devices connected to a switch?

We have 16 cisco catalyst switches distributed in a 60 floor building. we have provided LAN and wireless connection

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What Is a Network Switch?

Updated: December 11, 2025 Author: Sophos A network switch is a physical or virtual device that facilitates

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What is a Network Switch and How it Works?

A switch in computer networks is at the heart of this management, directing data packets between devices within a

Feb 01, 2026

What is a switch vs a router?

What is a switch? Switches facilitate the sharing of resources by connecting together all the devices, including computers, printers,

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How LAN Switches Work?

There is no delay when they communicate. Parallel connection: This allows different types of data to be transferred

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Common types of networking devices explained

Common types of network devices include access points, bridges, gateways, hubs, modems, repeaters, routers and

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8 Steps to configure your network switch

Learn how to setup a network switch with ease. Switches allow you to send and receive information efficiently and securely. Get

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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

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Network switch

Each networked device connected to a switch can be identified by its network address, allowing the switch to direct the flow of traffic,

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Network Devices Explained: Routers, Switches, APs

This guide walks through the eight core network devices you meet first: routers, Layer 2 and Layer 3 switches, next

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10 common network devices: What they are + what they do

Network devices connect and secure your office. Understand the 10 common types, their functions, and how Meter's

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How many devices can connect to a single Switch?

How Many Devices Can Connect to a Single Switch? A switch is a crucial component in any network, connecting

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Common Types of Network Devices and Their Functions (2026)

Intermediary devices: Intermediary devices are the ones that connect end devices and allow data transmission on a

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Common Types of Network Devices and Their Functions

Common types of network devices include repeater, hub, bridge, switch, routers, gateway, brouter & network

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What is Network Switching?

The switch knows which of the network's devices are connected to it, and it can transfer data packets between those devices directly.

Contact Us

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