

Switches and network cable access devices



Overview

This guide walks through the eight core network devices you meet first: routers, Layer 2 and Layer 3 switches, next-generation firewalls and IPS, access points, wireless LAN controllers, endpoints, servers, and Power over Ethernet. Network Devices are the physical appliances required for communication and interaction between computers on a computer network. In this blog post, we will discuss Network Devices in Computer Networks. An Ethernet switch is a type of network hardware that is foundational to networking and the internet. Each device operates at specific layers of the OSI model and serves distinct purposes in network communication.



Article Content

What is a Local Area Network (LAN)? | Definition from

A LAN includes various network components, such as cables, switches, routers, firewalls, load balancers and wireless access points (WAPs). It

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Computer Networking Devices Explained with Function

This tutorial explains the functions of the most common and essential networking devices such as Hubs, Switches, Routers, Bridges, Modems, NICs,

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Common types of networking devices explained

This introduction explores eight network devices that are commonly used within enterprise network infrastructures, including access points, routers

Common Types of Network Devices and Their

There are various types of network devices used in networks; some of the most common are hubs, switches, routers, bridges, gateways, and more.

Meraki Switches

Meraki cloud-managed network switch models Customers choose Meraki network switches for any location, topology, or connectivity need because they are easy

2026 Cat6 Ethernet Guide: Performance, PoE, and Real

Guide to Cat6 Ethernet cable: Cat6 vs Cat5e vs Cat6a, 1G-10G performance, PoE/PoE++, UTP vs shielded, solid vs stranded, and best

Network Devices (Repeater, Hub, Bridge, NIC, Switch

We learned about network devices like hubs, bridges, switches, routers, gateways, firewalls, and NICs, etc. Now let's understand the working of network devices

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What Is a Network?

Meaning of network, from basic definitions to advanced concepts, including topology, network devices, advantages, and drawbacks, all explained

What is a LAN? Local Area Network

A local area network or LAN is comprised of cables, access points, switches, routers and other components that when connected in an office building, school or home

Networking Basics: What You Need To Know

Networking basics like switches, routers, and wireless products help your business share applications, speed information access, and enhance customer service.

Best Ethernet Switches for Business (2025): Selection

Power over Ethernet (PoE) Capability PoE switches deliver both power and data over a single Ethernet cable, simplifying cabling for devices like

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Network switch

Multiple data cables are plugged into a switch to enable communication between different networked devices. Switches manage the flow of data across a network

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Common Types of Network Devices and Their Functions

From routers and switches to firewalls and access points, each device in your network plays an important role. Properly managing these devices

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-generation firewalls and IPS, access points, wireless LAN controllers,

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

Network devices or networking hardware are the physical devices that are used for establishing connections and facilitating interaction between different devices in a computer network.

PoE vs. PoE+ vs. PoE++: What's the Difference?

Learn key differences between PoE vs PoE+ vs PoE++. Compare power output, device compatibility, and use cases to find the best PoE switch for

What is an Ethernet switch?

Ethernet switches connect cabled devices, like computers, Wi-Fi access points, PoE lighting and IoT devices, and servers, in an Ethernet LAN so they can

Cisco Catalyst 1300 and 1300X Series Switches

The Cisco Catalyst™ 1300/X Series Switches are affordable, simple-to-use switches designed and built for enterprise branch offices as well as SMB

Contact Us

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