

Two network cables are connected to one switch



Article Overview

You can connect one network switch to two network cables by plugging each cable into separate switch ports, allowing multiple devices to communicate efficiently within your network.

Using a Network Switch

A network switch is a device that connects multiple devices within a local area network (LAN) and manages data traffic intelligently by forwarding packets only to the intended device . To connect two network cables to a single switch:

- Plug each Ethernet cable into separate ports on the switch. Each port acts as an independent connection point, creating a dedicated collision domain for each device .
- Connect the other ends of the cables to the devices you want to network, such as computers, printers, or another switch .
- Ensure proper cable type: Most modern switches support Auto-MDIX, which allows standard straight-through cables to connect devices without needing crossover cables . This setup allows both devices to communicate simultaneously without interference, improving network efficiency and security compared to a hub.

Alternative Methods

- Ethernet Coupler: If you need to extend a single cable rather than connect multiple devices, an RJ45 Ethernet coupler can join two Ethernet cables securely .
- Crossover Cable: For direct device-to-device connections without a switch, a cross...

Article Content

Jan 28, 2026

How to Connect Multiple Ethernet Switches

This article will explore three common connection methods: switch cascading, switch stacking, and switch clustering,

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What happens when you plug two or more ethernet cables into a

There are also protocols for configuring failover between two NICs and two ports on a switch. If each cable goes to its

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How do I setup two switches together?

In this article, we will explore the different ways to connect two switches, the types of cables required, and some best

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How to Connect Multiple Ethernet Switches

Cascade vs Stack vs Cluster: Learn how to connect multiple Ethernet switches, compare the key differences, and

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What type of cables to use between hubs, switches, routers and ...

The type of cable table Back to the fundamentals. Here's a quick reference of what type of cable to use in what

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Ethernet Cables, How They Work and How to Choose the Right One

An Ethernet cable is a network cable used for high-speed wired network connections between two devices such as

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How to Connect Two Switches Together: A Comprehensive Guide

Are you looking to expand your network infrastructure and connect multiple switches together? Connecting switches

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Basics of Computer Networking

A network consists of nodes such as computers, servers, routers, and switches that send or receive data. These

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How To Connect Two Ethernet Cables?

How To Connect Two Ethernet Cables: Extending Your Network Reach Learn how to connect two Ethernet cables

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Connecting two switches

In the real world you can connect two or more switches with regular straight trough cables, just use the auto mdxi feature and it's ok.

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How To Connect Two Switches Together In a Network

How To Connect Two Switches Together In a Network Step 2: Connect the cables
Connect one end of the crossover

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Connecting two switches together with two cables? : r/networking

36 votes, 30 comments. If I have two switches (both of which have multiple VLANs) and I want to connect them to each other with

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Switches connected with two cables.

Switches connected with two cables. I'm learning for the CCNA Routing and Switching certification exams. In the CCNA study guide

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Connect 2 switches together through Access port or Trunk

You seem to ask if configuring the connection as trunk would reduce the probability of loops in the network. I can not

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Solved: how to connect two switches

If there is only one interface to interconnect the switches I can't use EtherChannel or PortChannel, am I right? The only

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Can I run two ethernet cables between two switches, for ...

Hi all, I'm running an ethernet cable between two rooms. One of them has my modem and a wifi access point (which can act as a

Feb 11, 2026

Hi thanks in advance for any help, I currently have two different routers in my house and I want to be able to switch

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Communication through Multiple Switches

Communication through multiple switches is similar to communication through one switch. This article

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ELI5:Why do you have two cables going from one switch to another?

Switches connect Ethernet devices together so you actually have a network. If you have more devices than you have ports on your

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How To Connect Two Switches Together In a Network

Once the switches are connected, the network can be expanded by adding devices such as computers, servers, and

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Multi-computer connection LAN via Ethernet

To connect two similar device (PC direct to another PC, or switch to switch) you would use a crossover cable. Note that most modern

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How to Connect Two Ethernet Cables | 10 Easy Methods (2026)

In this guide, we'll delve into the step-by-step process of connecting two Ethernet cables, exploring various methods,

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How do I setup two switches together?

How to Setup Two Switches Together Setting up two switches together can be a crucial step in expanding your

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How to Connect Ethernet Cables

In this guide, we discuss the different ways to connect Ethernet cables via Ethernet switches and Ethernet couplers.

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connecting multiple switches together

If both switches support trunking (bonding multiple physical cables into one large logical cable), that would be the way

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How to Connect Two Ethernet Cables | 10 Easy Methods (2026)

Importance of Connecting Two Ethernet Cables When setting up a network, one of the most crucial steps is connecting

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How To Use A Network Switch With 2 Routers

Learn how to effectively use a network switch with 2 routers to expand your network and optimize connectivity.

Contact Us

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