

PoE switches are getting very hot



Overview

Focus on selecting switches with front-to-back cooling, maintaining at least 20% spare PoE budget to reduce thermal stress, and physically separating PoE infrastructure from high-TDP servers or GPUs. How to solve the problem of overheating of PoE switch?

Overheating in PoE switches can cause performance degradation, shorter hardware lifespan, or complete failure. To solve the overheating problem and prevent future occurrences, follow these steps: 1. My two Unifi POE switches US-8-60W and US-8-150W get really hot. Feels like 50-60C case temperature. So I sent it. In today's intelligent and networked environments, PoE switches are widely used in various fields such as security surveillance, wireless AP coverage, and smart building control due to their integrated data and power supply capabilities. 3bt has evolved to cater to the demand for higher power transmission, utilizing 4-pair PoE rather than 2-pair PoE. Mistake: Installed in a confined space.



Article Content

Aug 22, 2025

How to Avoid Overheating in PoE Cabling?

However, heat rise issues along with high power in PoE cabling is an essential issue related to link performance and security. To reduce the

Jul 15, 2026

6 Tips to Avoid Overheating in Network Switches

Discover the causes of network switch overheating and 6 effective strategies to prevent your network switches from overheating.

Apr 26, 2026

New to Ubiquiti...why does the Unifi equipment run so hot? : r ...

However none of this equipment is hotter than the fanless Cisco 2960G desktop switches i used to run. The above stats are all from the device details page in the unifi controller.

Mar 16, 2026

PoE Switch Operating Temperature-Everything You Need to Know

This article will explore the central role of operating temperature in PoE switches, analyzing their normal temperature range, the effects of temperature, and how to ensure stable operation within an

Mar 31, 2026

Question

I am looking for a recommendation on a 5 port PoE switch that can handle such temperatures, preferably from Ubiquiti but any brand is fine. The other option would be a standard 5

Nov 23, 2025

New Ubiquiti US-48 non PoE switches get hot enough to cook on!

I have a new client that has two NetGear 48 port switches giving them trouble (not really a surprise there!) and thought I'd give the Ubiquiti US-48 non PoE switches a try after reading so

May 08, 2026

Five Steps to Help Mitigate Excessive Heat Caused by

However, installers have found some techniques to minimize the risk higher temperatures bring to PoE applications. Here are five steps to help

Oct 27, 2025

AP-515 gets quite hot when powered via PoE Injector

AP-515 gets quite hot when powered via PoE Injector Greetings, Im am planning to use an AP-515 for my home-office and since I didn't want another separate

May 07, 2026

How to solve the problem of overheating of PoE switch?

Overheating in PoE switches can cause performance degradation, shorter hardware lifespan, or complete failure. To solve the overheating problem and prevent future occurrences, follow these steps:

Oct 05, 2025

PoE Installation Mistakes You Must Avoid – Burnt

Follow proven PoE installation best practices. Use the right cables, avoid heat buildup, and power your network safely — no guesswork needed.

Aug 09, 2025

Very hot switch and gateway : r/Ubiquiti

See sometime the router gets so warm, it shuts off. It is very hot to the touch, and my UniFi interface tells me it's normally around 67c (which i believe to be on the hot side). I have located the gateway

Sep 05, 2025

Can anyone with a Switch Lite 8 PoE tell me if it runs hot?

I have a Switch 8 60W, only half loaded now, but when it had all 4 ports connected with 4 PoE devices, it was warm but not hot. I don't find any of my UniFi devices run very hot, they all are around 95 on the

Oct 31, 2025

How to solve the problem of overheating of PoE switch?

9. Reduce PoE Usage During Peak Heat Explanation: During hot days or in environments without effective cooling, the combination of heat and high PoE power consumption can lead to overheating.

Apr 20, 2026

What happens when a switch runs waaay too hot?

We have 2 HP V1910-48G switches, and, after the recent firmware upgrade, they now show a temperature monitor, and they're running at 75deg. C, and 80deg. C respectively. HP

Aug 08, 2025

PoE Troubleshooting: Common PoE Issues and Solutions

Check PoE Settings: Access the switch configuration and verify that PoE settings are enabled and properly configured. Firmware Updates: Ensure the switch firmware is up-to-date to fix

Mar 05, 2026

Network switch for hot garage : r/HomeNetworking

24p poe switches are usually rack mount and are designed to be sandwiched between other hot components so as long as you have some airflow, you should be gtg. Get the cheapest "business

Oct 07, 2025

PoE Adapters Overheating? 5 Common Installation Mistakes

When PoE adapters power devices like cameras and wireless APs, improper installation can cause overheating. This can shorten the device's life and lead to malfunctions. Here are 5 common

Apr 07, 2026

How to Manage PoE Switch Heat Dissipation in High-Density Racks?

Managing PoE switch heat dissipation in high-density racks requires a combination of efficient power conversion planning, proper airflow design, and accurate heat load calculation.

Apr 20, 2026

S8-POE temperature limits and overheating?

Stacking with the S8-PoE (or any passively cooled device, for that matter) is just not a good idea. The S8-PoE is intended as a desktop switch

Jul 27, 2026

POE switches get very hot. : r/UNIFI

Yeah it's normal if not a bit worrying, it seems they use the case to remove the heat. Personally, I don't like kit running this warm/hot even if it's designed to so just cool them plus other items.

Feb 01, 2026

Looking at 8 and 16 port PoE switches

Hello, I'm looking at removing my 8 port hub in my closet/cupboard with a Ubiquiti switch. I will also get one of their APs. I was just wondering about the noise and heat of these switches? This

Jan 22, 2026

Heat Concerns When Powering a Power Over Ethernet

When PoE is delivered over twisted-pair copper cabling, the temperature within cables can rise - here we take a closer look at potential heat concerns.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

