

The fans in the network cabinet have stopped spinning



Overview

Case fan not spinning? Learn the common causes, simple fixes, BIOS checks and power issues to get your PC cooling working properly again.

Key Takeaways

A network cabinet fan that isn't spinning is usually caused by power issues, connection problems, dust buildup, or a faulty fan motor, and can often be resolved through systematic troubleshooting.

Check Power and Connections

Ensure the fan is properly connected to the power source or fan controller. Loose or disconnected cables are a common cause of non-spinning fans. If the fan is connected via a Molex or 3-pin/4-pin header, verify that the connectors are secure and correctly oriented.

Testing the fan on a different power source or header can help determine if the issue is with the fan or the power supply/controller itself.

Inspect BIOS or Controller Settings

Some fans are controlled via BIOS or a dedicated fan controller. Check that the fan is enabled and configured correctly. For 3-pin fans on a 4-pin header, you may need to switch the header from PWM to voltage-regulated mode in BIOS.

If the fan is connected to a hub or controller, ensure the controller is powered on and functioning.

Clean and Lubricate the Fan

Dust and debris can jam the fan blades, preventing rotation. Use compressed air to clean the fan thoroughly. For fans with oil-based bearings, a drop of lubricating oil on the bearing can restore smooth spinning, but avoid getting oil on the blades or motor housing.

Test the Fan

If possible, test the fan independently by connecting it directly to a known working power source. If it spins, the problem may be with the fan hub, controller, or motherboard header. If it still does not spin, the fan motor may be defective and require replacement.

Additional Considerations

Ensure no cables or obstructions are physically blocking the fan blades. Verify that the power supply can provide sufficient voltage for the fan, especially if the fan light works but the motor does not. If the fan is part of a prebuilt system with RGB controls, check that the fan motor has not been disabled via the remote or software controller.

By following these steps—checking power and connections, inspecting BIOS or controller settings, cleaning and lubricating, and testing the fan—you can usually identify and resolve the issue with a non-spinning network cabinet fan.

Article Content

Case Fan Not Spinning: Power, Control and Hardware Checks

Case fan not spinning? Learn the common causes, simple fixes, BIOS checks and power issues to get your PC cooling working properly again.

Case Fans Not Spinning: Troubleshooting and Solutions

When your case fans aren't spinning, it's a signal that something might be off with your PC's cooling system. Let's get straight to the heart of the

Case Fans Not Spinning: Troubleshooting and Solutions

If you have tried the troubleshooting steps above and your case fans are still not spinning, there are several potential solutions you can try to fix the issue.

Case Fan Not Spinning | 6 Easy Steps

In this guide, we are going to show you every step of how you can diagnose & solve this problem of the case fan not spinning. Why is the PC Case Fan Not Spinning

Why Are My PC Case Fans Not Spinning?

PC case fans that are not spinning are often caused by normal fan-curve settings, loose power connections, incorrect BIOS or software configuration, a faulty hub, or a dead fan.

How To Fix Case Fan Not Spinning, But Light Works

Is your case fan not spinning, but light works? Check out this guide to find possible causes and fixes of this issue.

It may well be that yours are set so that they allow the fans to stop if the temperatures are cool enough. In that case, then if the temperatures rise again the fans should re-start.

Case Fans Light Up, but Don't Spin : r/buildapc

I'm building a PC for a friend, and I've got everything good to go, updates installed, etc, but the case fans are not spinning. They're RGB, and they light up, but they're not spinning.

FIXED: PC Case Fan Not Spinning (7 Quick Solutions)

Has your PC case fan stopped spinning? This guide takes a look at why this could happen, as well as some of the fixes you can use.

PC Fan Not Spinning *EASY* FIX

Today I am gonna show you how to fix your fan if it is not spinning. Follow Me Here ↓
Instagram: / badkarmalolz TikTok: / badkarma49 : / @mambasm #howto #pc #pcfix #pcfan # ...

How to Fix a CPU Fan Not Spinning

The CPU fan can easily be stopped with a finger or debris since it does not have much torque. To prevent the fan wiring from frying or any other

Why Isn't My Fan Spinning? Troubleshooting & Fixes

Why isn't your fan spinning? Learn the physics of rotation, troubleshoot common motor failures, and fix noise or vibration issues.

CPU Fan Not Spinning? Here's How to Fix It

Depending on the type of fan, there are several reasons you might be facing this issue. If it is the CPU cooler fan, the first thing you would want to

PC case fans not spinning. : r/buildapc

39 votes, 16 comments. true Just build a new PC and the case fans don't want to spin when connected to the motherboard. They spin when connected via SATA. The CPU fan works when connected to

PC case fans stopped spinning and I'm losing my mind

TL;DR I was dumb and I touched my case fans while the PC was running (right side fans) and they stopped spinning. I've turned the computer on and off, unplugged the power too, and nothing has

Case Fan Not Spinning | 6 Easy Steps

I have even seen further complex problems with the PSU like a damaged socket can also cause your case fans to stop spinning. Testing the power supply is a difficult

The computer case fan is already connected to the left side panel of the case (screenshots below). As I turn on the computer, the CPU fan is spinning, the case lighting works, and the

Hi everyone, I recently noticed that my case fan had stopped spinning despite the RGB working properly, even under heavy load(eg training ML models or playing titles like Assetto Corsa). I

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

