

How to fix a laptop that hangs effectively to help you use it better

With the ways in this article, you will easily master and quickly handle all situations that cause your laptop to hang extremely quickly and efficiently.

Laptop hang is an extremely annoying feeling that you often encounter when using a laptop. There are many causes for this condition that are not easy to grasp. Let's see this article to know how to fix a laptop that hangs so that your work is not interrupted.



1. The cause of the laptop hanging

Laptop overheating

You can easily see when the laptop is overheated, how weak the machine will be. This is the chip manufacturers' explosion-proof mechanism. There will be a sensor inside the chip when your laptop starts to overheat the system reduce the clock or disable the CPU.



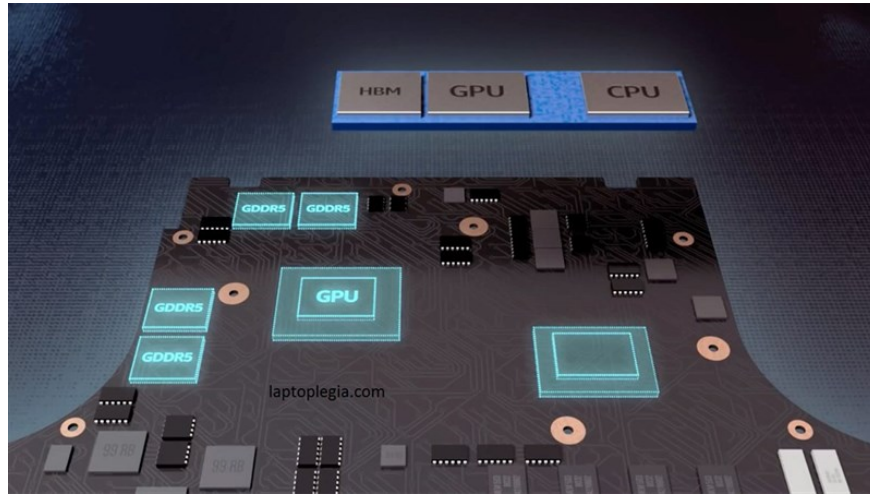
RAM overflow

RAM overflow is a very common phenomenon on laptops with only 2 or 4 GB. When laptops overflow with RAM, they will take the hard drive containing temporary data instead of RAM. Of course, the data will be slow to the point of crashing because the hard drive is many times slower than RAM.



Graphics card error

This phenomenon is quite rare but not easy, in the process of using, installing or adding certain features. It is possible that your laptop has encountered a conflict and led to a graphics card error. Since then the machine is 'clinically dead'.



Loose hardware

This only occurs with old machines and has been repaired many times. Most likely the repairman caused this situation. Because the components are not tightly linked, moving will cause laptop crashes.



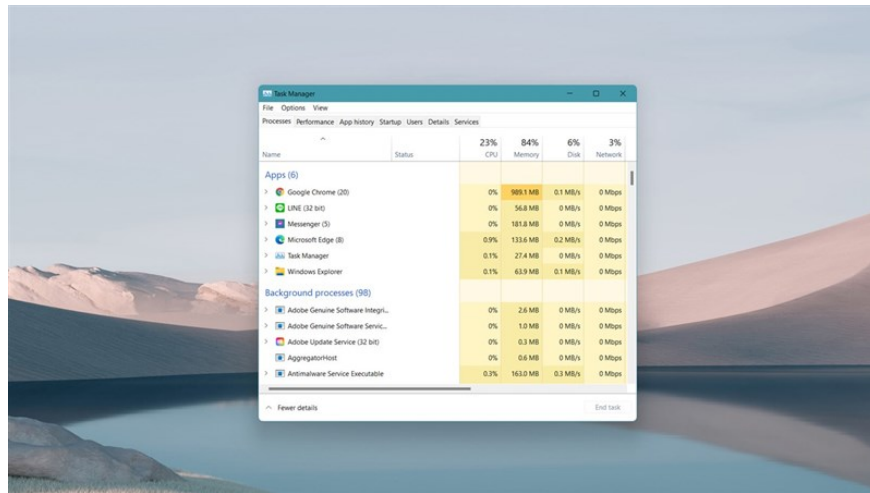
2. How to fix a laptop that hangs

Using Task Manager

Step 1: you use the key combination **Ctrl + Shift + Del** to open the **Task Manager** application .



Step 2: After that, **close all running applications** .

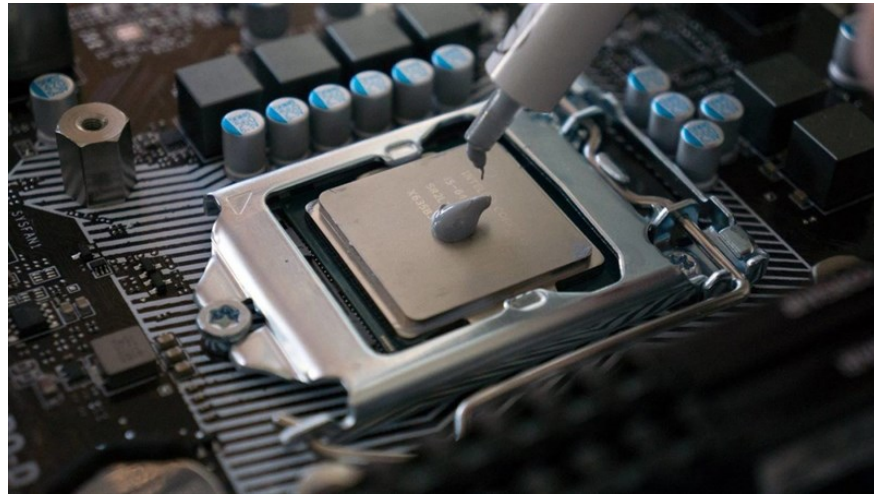


Power off with hardware key

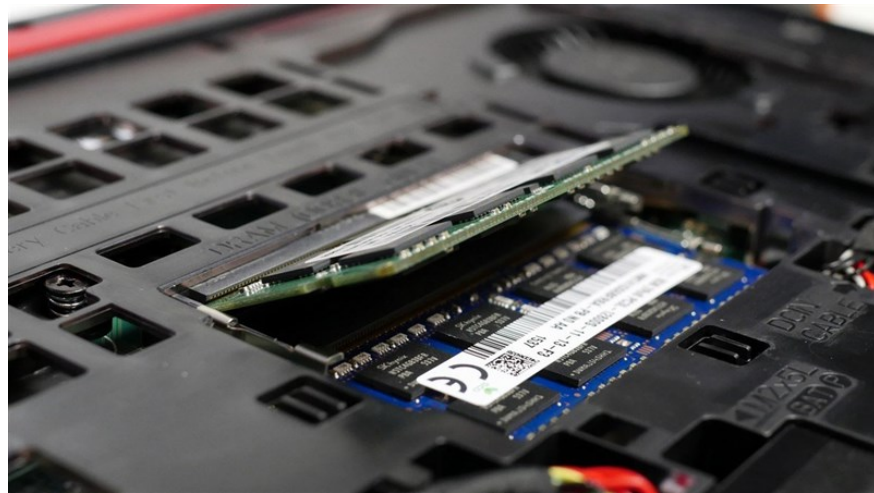
First, you need to use **the power button on the laptop** to turn it off quickly.



After that, you remove the machine to **clean the fan and apply thermal paste** (this is quite dangerous if you are not good at hardware, please bring it to a service center for warranty in time).



Finally, check if you have the latest **operating system version** and **upgrade more RAM** if needed.



If it is still a bit laggy and hangs, you should upgrade to an **SSD** because the speed of **HDD** with current applications is very outdated.

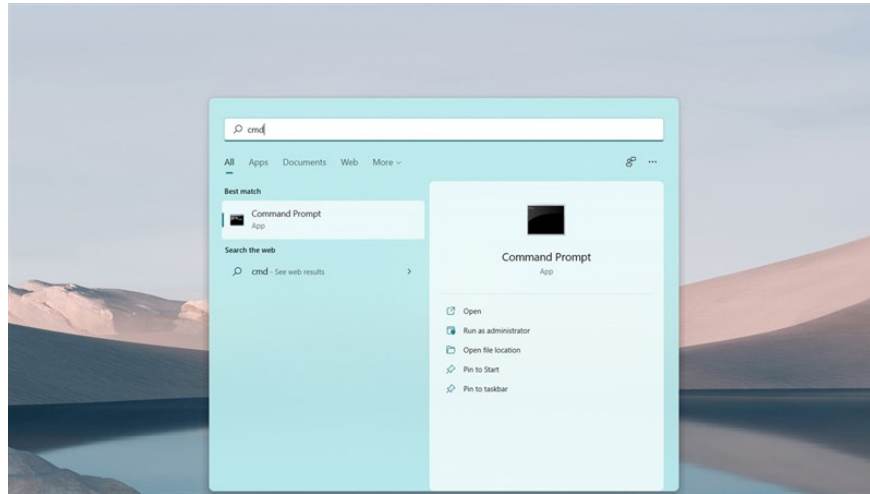


Using System File Checker

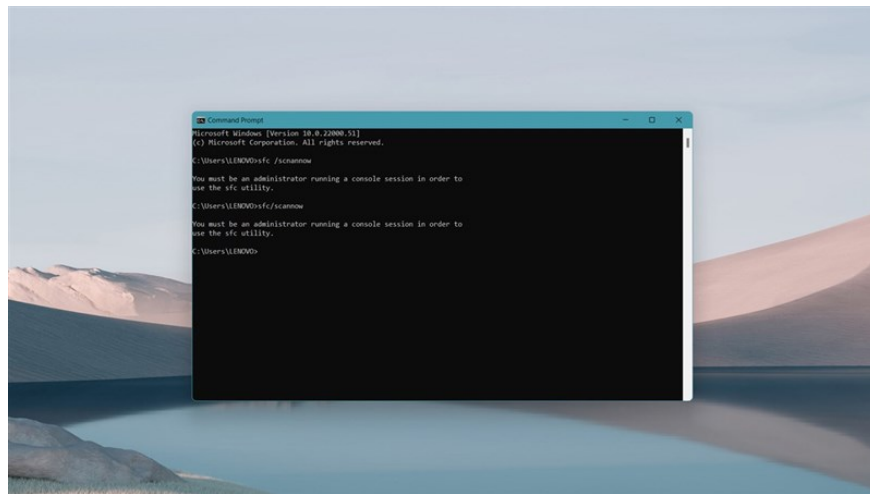
If you have done it fully and the machine still has excess RAM and hangs, it may be caused by a system conflict. Please use the **System File Checker** feature to check and automatically patch **Windows** errors .



you open **the search bar on the taskbar and type cmd.**



Next, you type the command line **sfc /scannow**> **press Enter**, the Command Prompt window will run and fix the error for you.



Restart the graphics card

The last step that you need to do to make the machine work more smoothly and stably is to restart the graphics card. you press **Ctrl + Shift + Windows + B** to automatically restart the graphics card.



So, I have helped you to fix the problem of freezing. Thank you very much for viewing the article.

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