

3 How to check the working status of the hard drive

Your hard drive hasn't been working properly recently. It shows signs such as squealing or data loss. Time to check your hard drive again. Here are 3 ways to check hard drive performance quickly and effectively.

Check the health of the hard drive on the computer to help you better understand the parameters on the drive and give a solution to promptly handle each hard drive error during use. Please follow the article below to know how to check the status of the hard drive operation.

1. Use specialized software to check the status of the hard drive

On the internet there are many software to help you check the health of your hard drive, such as: Active Hard Disk Monitor, Ariolic Disk Scanner, Active SMART, . And CrystalDiskInfo is one of them, it is a part. open source utility software simple and convenient to use. You can use CrystalDiskInfo to check hard drive health easily.

You can download the latest version of **CrystalDiskInfo** [here](#).

After installing the software with the interface as shown below, it provides detailed information about the hard drive: hard drive name, capacity, temperature, .

CrystalDiskInfo 8.9.0 x64

File Edit Function Theme Disk Help Language

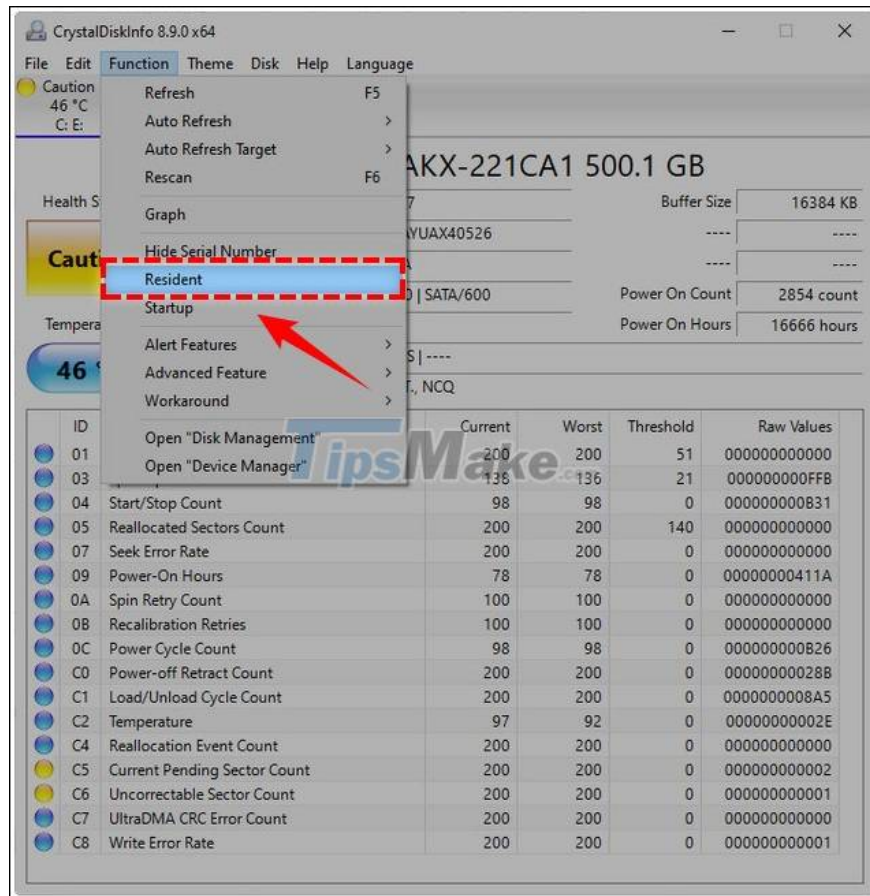
Caution
46 °C
C: E:

WDC WD5000AAKX-221CA1 500.1 GB

Health Status	Firmware	17.01H17	Buffer Size	16384 KB
Caution	Serial Number	WD-WCAYUAX40526	----	----
	Interface	Serial ATA	----	----
Temperature	Transfer Mode	SATA/300 SATA/600	Power On Count	2854 count
46 °C	Drive Letter	C: E:	Power On Hours	16666 hours
	Standard	ATA8-ACS ----		
	Features	S.M.A.R.T., NCQ		

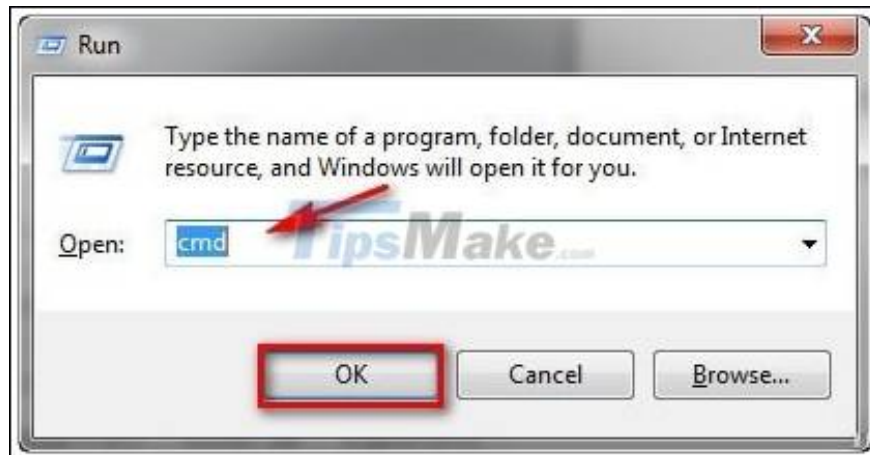
ID	Attribute Name	Current	Worst	Threshold	Raw Values
01	Read Error Rate	200	200	51	000000000000
03	Spin-Up Time	136	136	21	00000000FFB
04	Start/Stop Count	98	98	0	00000000B31
05	Reallocated Sectors Count	200	200	140	000000000000
07	Seek Error Rate	200	200	0	000000000000
09	Power-On Hours	78	78	0	00000000411A
0A	Spin Retry Count	100	100	0	000000000000
0B	Recalibration Retries	100	100	0	000000000000
0C	Power Cycle Count	98	98	0	00000000B26
C0	Power-off Retract Count	200	200	0	0000000028B
C1	Load/Unload Cycle Count	200	200	0	000000008A5
C2	Temperature	97	92	0	00000000002E
C4	Reallocation Event Count	200	200	0	000000000000
C5	Current Pending Sector Count	200	200	0	000000000002
C6	Uncorrectable Sector Count	200	200	0	000000000001
C7	UltraDMA CRC Error Count	200	200	0	000000000000
C8	Write Error Rate	200	200	0	000000000001

From the information on CrystalDiskInfo, you can completely identify the related errors for the hard drive to have a timely repair plan. To keep the software running in the **background**, go to **Function -> Resident** and to start Windows you go to **Function -> Startup**. 2 processes will pop up and warn you immediately when the hard drive has problems.



2. Use the cmd command in the windows system to check the hard drive

First you have to open the **Command Prompt** window by going to **Run** type **CMD** -> press Enter.



Enter the **Command Prompt** window, type **wmic** -> Press Enter. Type the command **diskdrive get status** -> Press Enter.



```
CA\Windows\system32\cmd.exe - wmic
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\dinhphu>sfc /scannow

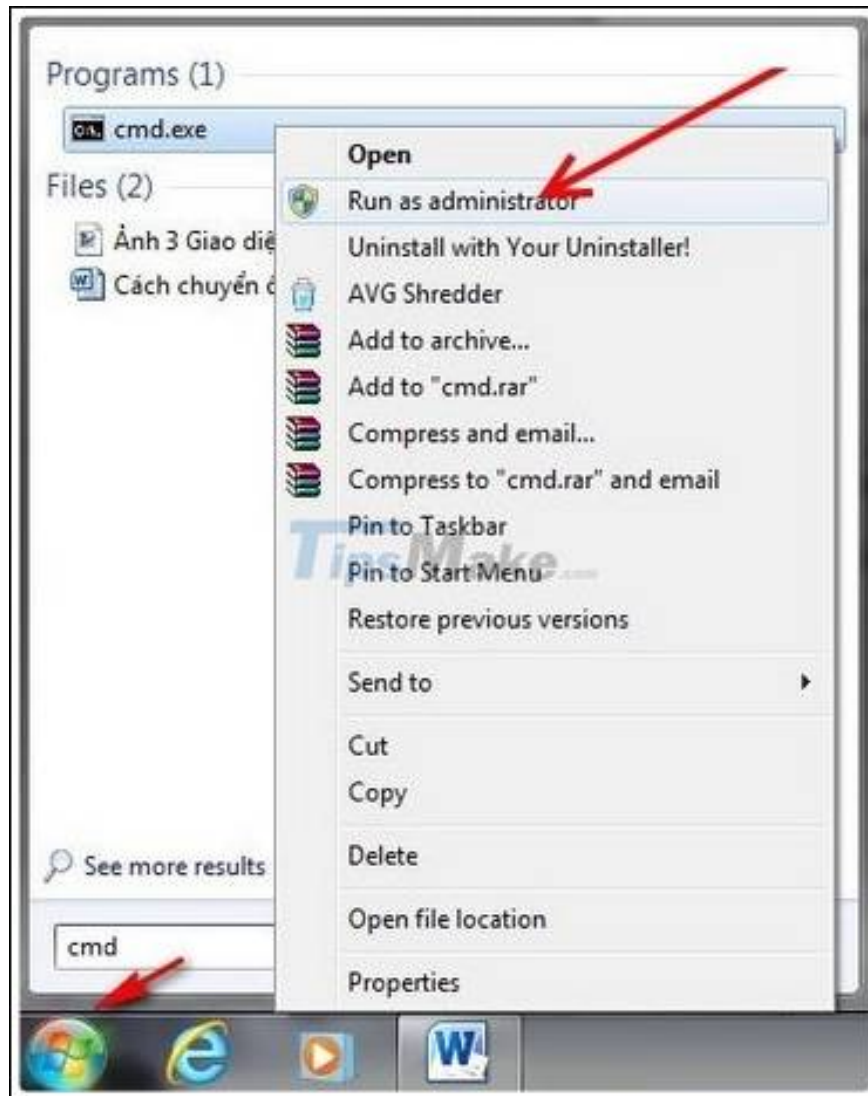
You must be an administrator running a console session in order to
use the sfc utility.

C:\Users\dinhphu>wmic
wmic:root\cli>diskdrive get status
STATUS
OK
OK
wmic:root\cli>
```

If your hard drive works well, there is an **OK** line appearing, but without this line you should consider and decide to go and repair your hard drive so that the data is always safe.

3. Check the file for the quality of the hard drive

- **Go to Start**, type **cmd** -> right-click and select **Run as Administrator**



- Enter the **Command Prompt** window , type the command **sfc / scannow** -> Press Enter to execute the command.



After the system scans is done, it will let you know the status of files on the system completely. From there you will know the status of the system's storage.

The above are 3 methods to check the status of the computer's hard drive, so you can know the information about your HDD, and take timely measures if the hard drive has a problem. .

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