

Handling unusual computer errors

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Any computer user wants his system to operate smoothly with the highest performance. But in the process of using computers, we often encounter system errors from small to large. In particular, unusual incidents such as hanging up, restarting, even turning off . abruptly always make users confused .

Before such unexpected incidents, identifying its cause will help you find a solution and solve the problem easily. You can do the following:



1. Check for recently installed software or hardware : If abnormal problems occur immediately after installing a new hardware device or a software program or device drivers (device driver), remove them and restart the system to check. If the computer is working properly, the cause of the abnormal error may be because the newly installed components have been corrupted or due to conflicts between old devices and software on the system.

2. Run effective anti-virus and anti-spyware programs : The first job is usually done when the system has an abnormal error that runs anti-virus programs. In order for these programs to work effectively, you should regularly update the latest version of the program by visiting the manufacturer's website to download it. Today's best-known programs are: Norton Antivirus 2006, AVG Antivirus . In parallel with antivirus programs, use scanning tools, remove dangerous adware and spyware that may be hide in the system. You can use AdAware or

Microsoft Antispyware . are very powerful search programs.

3. Check the hard disk and free disk space : When no viruses or spyware are found, check the available space in the operating system installation drive (usually the C drive :). The low rate of empty space is sometimes the main cause of abnormal errors. Make sure your operating system installation disk is always at least 20% of the disk space. Besides, you should also check the physical structure error of the hard disk using the available Check now utility. Also run the Disk Defragment program to defragment the files on the disk, enhancing the speed and stability of the hard disk.

4. Check the temperature of the cabinet : Overheating is another common cause, often due to poor performance of cooling fans, dust in the chassis . First, please Check that the power and CPU fan fans release heat and release good dirt. You can also check the temperature inside the case by using the Motherboard monitor utility or other utilities of the same function.

Measured temperature parameters that exceed the permissible limits are not only the cause of abnormal errors but can also damage the computer's parts and devices. If you see a lot of dust on the inside of the case, you should proceed to clean it, but be very careful with the operation. In particular, do not arbitrarily open the power box because it has a high voltage, very dangerous.

5. Memory check : Sometimes the computer does not boot or has an abnormal error while operating normally because the computer memory (RAM) is corrupted or corrupted. Check by running an analysis program, diagnosing certain memory, such as Windows Memory Diagnostic. If the memory problem is found, remove the RAM and reattach it tightly, if it still doesn't work you should replace the failed RAM.

6. Check other hardware issues : **Hardware-** related problems can be checked from the utilities included in the Boot CD software available at computer stores. You can also download the software package at <http://www.ultimatebootcd.com>, but it is quite large, about 100-200 MB. Note, you should only use utilities that you know how to use, avoid both learning and using. Some utilities can be very dangerous (wiping data on the hard drive) if used is not suitable for purpose.

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