

# What signs show your CPU is about to die?

There are some signs that your CPU is having problems, read this article to see if your CPU has one of these expressions.

There's no denying that PC hardware is the most complex. You should be fully aware of how the hardware works. If you are a gamer or just a computer enthusiast, you should be equipped with the necessary knowledge to help solve problems when having problems.

This article will talk about the brain of the computer, the central processor, or the CPU or simply the processor. Without it, you won't be able to use the computer, let alone start up.

The CPU is the main component that sends some instructions to the rest of the computer to be able to operate. If the CPU fails, the computer will refuse to work.

There are some signs that your CPU is having problems, read this article to see if your CPU has one of these expressions.

## The expression shows that your CPU is broken

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## Signs that the CPU is faulty or dead

### Computer starts and shuts down immediately

If you encounter a problem with the computer turning off immediately after booting, this may be a symptom that indicates a faulty CPU. There are several reasons for this error including sudden increase in temperature immediately after turning on the computer.



This happens because motherboards are equipped with temperature sensors and as soon as they detect too high a CPU temperature, the computer is turned off.

### **System startup problem**

If you cannot start the computer without any diagnostic code, your CPU may be dead.

However, this problem may be related to other issues such as motherboards or power supplies, even graphics cards. To find out the cause of the problem, simply open the side panel and see if the motherboard light is on. If so, remove the graphics card and then try to power on the computer. If you still can't turn on the computer, you should bring it to the store for warranty if still in time to change the CPU.

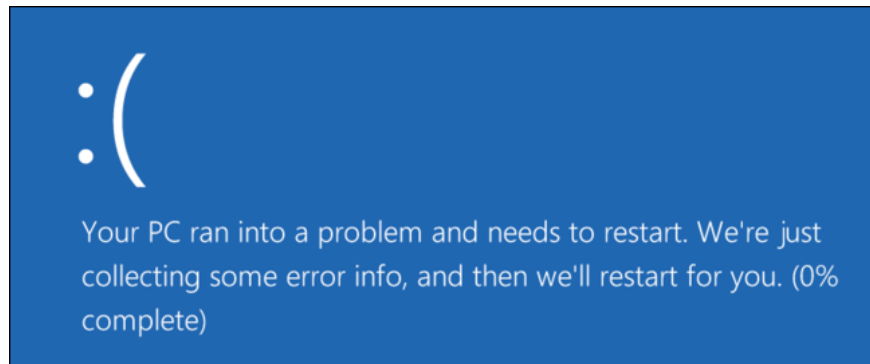
### **System freezes**

Another common problem, arising from CPU errors is that the system freezes many times without reason. You boot into Windows, enter the password and the system freezes until it restarts.

There are many reasons for this error such as no power supply or power supply but not enough, and many other problems. In this case, you should 'isolate' the problem until you find the cause.

### **Blue screen of death**

Previously, blue screen of death or BSOD was much more popular than now. In fact, the scary blue screen has been replaced with a simpler blue screen in the modern Windows version.



This is definitely one of the most confusing screens you may encounter because sometimes it does not provide any indication of any errors that let you know.

However, common blue screen errors are often caused by hardware problems. If the processor is really broken, you will get a System Abort error.

## **Too hot**

This is probably one of the classic symptoms of CPU error and is also one of the easiest symptoms. If you find your CPU too hot to cause throttling, there are two reasons you need to consider whether the cooling system or CPU.

1. 5 ways to cool down, cool, laptop radiator simple and effective



You will easily notice when the cooler is air damaged if you see other parts not moving. If the fan is working properly, the cooler has no problem.

However, liquid-cooled sets are more difficult to diagnose. And that's why experts recommend you leave the cooling unit separate while asking for troubleshooting.

If you see the overheating still occurs after troubleshooting the cooler, that means your CPU has a problem.

## **The cause of CPU failure or death**

## **CPU age**

Each machine has its limits. A computer aged 5 or older has operated almost at its full capacity. The faulty or dead CPU is inevitable.

## **Temperature**

CPU overheating can cause it to die. This can happen when the room temperature reaches more than 80 degrees F and the computer has no effective internal cooling mechanism.

## **Overclocking**

Not all CPUs are created the same. You can't catch dual-core CPUs doing the work of eight-core CPUs. Overclocking offers undeniable benefits but be careful when doing it. Performing overclocking means you are forcing the CPU to work beyond its capabilities. No wonder the CPU has a problem.

1. How is the CPU produced?

## **Sudden increase in electricity**

The skyrocketing voltage can make the CPU useless. You should be equipped with a surge protector and extra battery attached to your computer to prevent this from happening.

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