

# How to check if the Laptop fan is running

When we use a laptop, the computer system will always generate heat and force the fan system to operate continuously.

However, the computer fan is hidden inside, so we cannot see it with the naked eye, but we need to check through different ways. In this article, Software Tips will guide you how to check whether a Laptop fan is running or not.

## I. What are the fans on Laptop?



On laptops, we have 02 most important components are the GPU and CPU. During operation, the GPU and CPU generate a lot of heat and forced them to be equipped with cooling fans to cool. If there are no cooling fans for the CPU and GPU, they will overheat and the computer will automatically be turned off to protect the internal components. The laptop cooling fan system is mounted with a metal cooling system (usually aluminum and copper) to increase cooling efficiency. Because of that, you will often find that the heatsink cluster of the Laptop is thick and heavy.

## II. How to check the Laptop fan by software

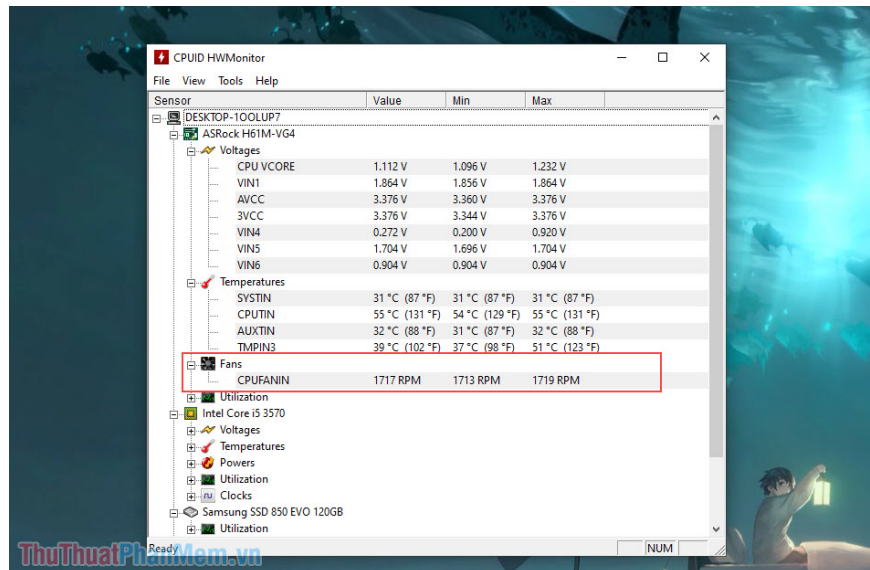
Laptop fans are located deep inside and they are covered by the shell so visual inspection is completely impossible, unless you remove the cover of the Laptop.

## 1. Check Laptop fan by HWMonitor software

HWMonitor is a software that monitors hardware parameters during real-time operation. The data of the fan system on the Laptop computer is also recorded by HWMonitor for monitoring.

You [download](#) the software to your computer and install to use.

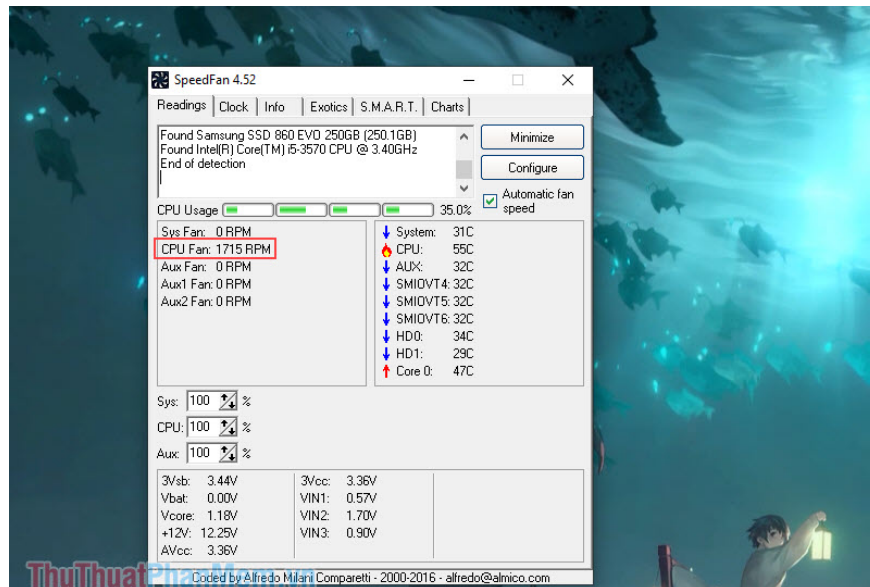
When starting the software, you follow the **Fans** section , here will display the rotation of the fan. If their parameter is a number greater than zero, it means that the fan is operating, rotating and the parameter is 0, it means that the fan is not operating.



## 2. Check the Laptop fan by Fan Speed ??software

First, you proceed to the home page to [download](#) the software to the machine to install and use.

Then, you start up the software to see **CPU Fan** parameters - the number of revolutions of the cooling fan. If they display as 0, it means that the cooling fan is not rotating, does not work. If they display numbers greater than zero then the fan is spinning.



### III. How to check the Laptop fan by feel



On the Laptop, on both sides and behind we have a series of heat sinks. The CPU fan's cooling airflow will blow the heat from the CPU through the slots, so you can know if the Laptop cooling fan is working or not.

**Actions:** You proceed to put your hand into the heat sink on the laptop side and feel whether there is heat, airflow is pushed out or not. If there is airflow, heat, then the fan of the Laptop system is operating normally.

### IV. Are laptop cooling fans important?

Macbook 12-inch  
không có quạt tản nhiệt



In fact, having a cooling fan on a laptop is a necessary and important thing, they are the main component contributing to the stable operation of the computer. If a laptop has a cooling fan but it doesn't work, they will quickly shut down because of overheating. Because of that, when you see the Laptop fan is not running, you should take it to replace or fix them to make the Laptop stable!

However, not every laptop on the market is equipped with a cooling fan. Apple has previously made 12-inch Macbook models without fans and uses only passive heat dissipation through the chassis of the Laptop. But those 12-inch Macbook models still work fine because everything was calculated by Apple in advance.

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