

Instructions for using SpeedFan to check CPU temperature and fan speed.

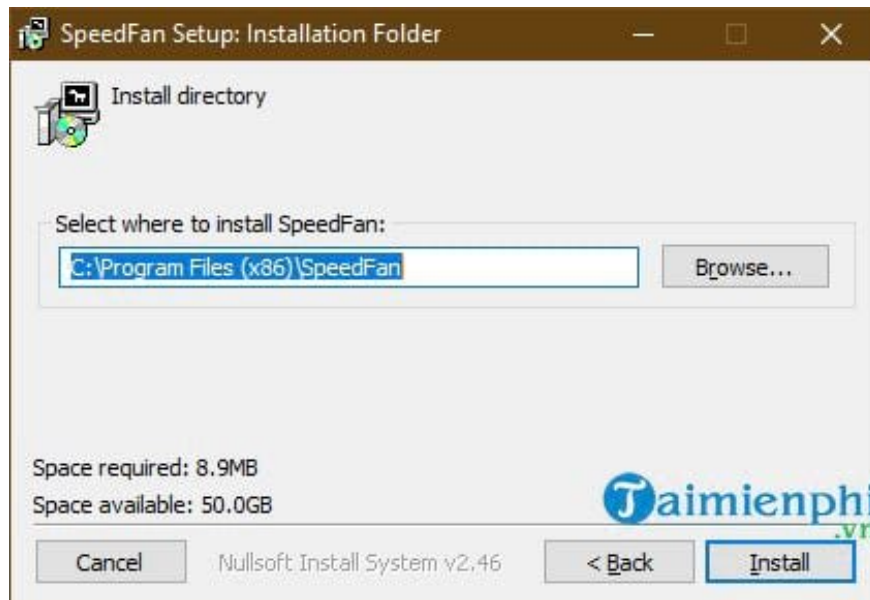
SpeedFan helps monitor CPU temperature and control fan speed, ensuring stable computer operation. This software supports hardware monitoring, helping users detect early signs of overheating and increase device lifespan.

This free download will guide you on how to use SpeedFan to check your CPU temperature, monitor hardware status, reduce the risk of overheating, and optimize computer performance.

Guide to checking CPU temperature using SpeedFan

Step 1: Download and Install the software

After the download is complete, please install the software on your computer or laptop.



Step 2: Open and use

After successful installation, the software will have an icon on your desktop for easy opening and use.

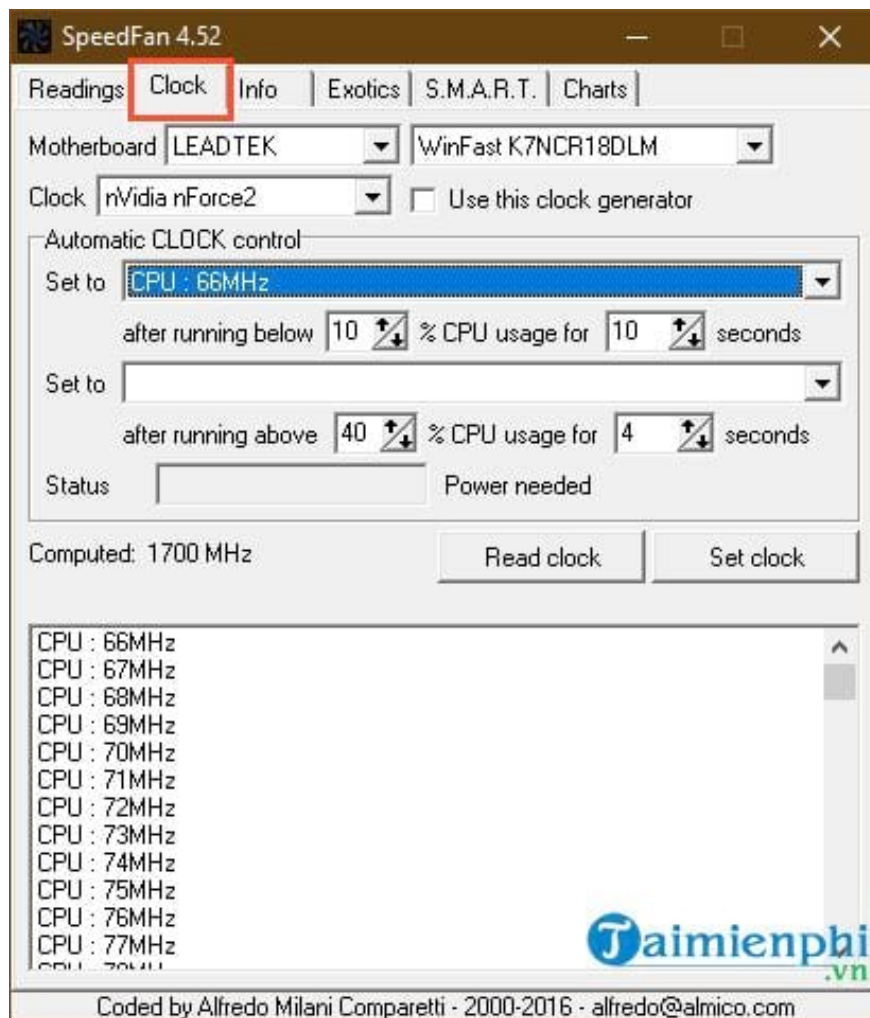


Next, open SpeedFan, and you will immediately see information about CPU usage percentage, hard drive temperature, internal computer temperature, CPU 1 temperature, CPU 2 temperature, etc.

On this first "Reading" tab, you should check the **"Automatic fan speed"** box to allow this tool to automatically adjust the fan speed of your computer or laptop based on the temperature of areas such as the CPU, HDD (hard drive), as well as the internal temperature of the machine that the tool has measured.



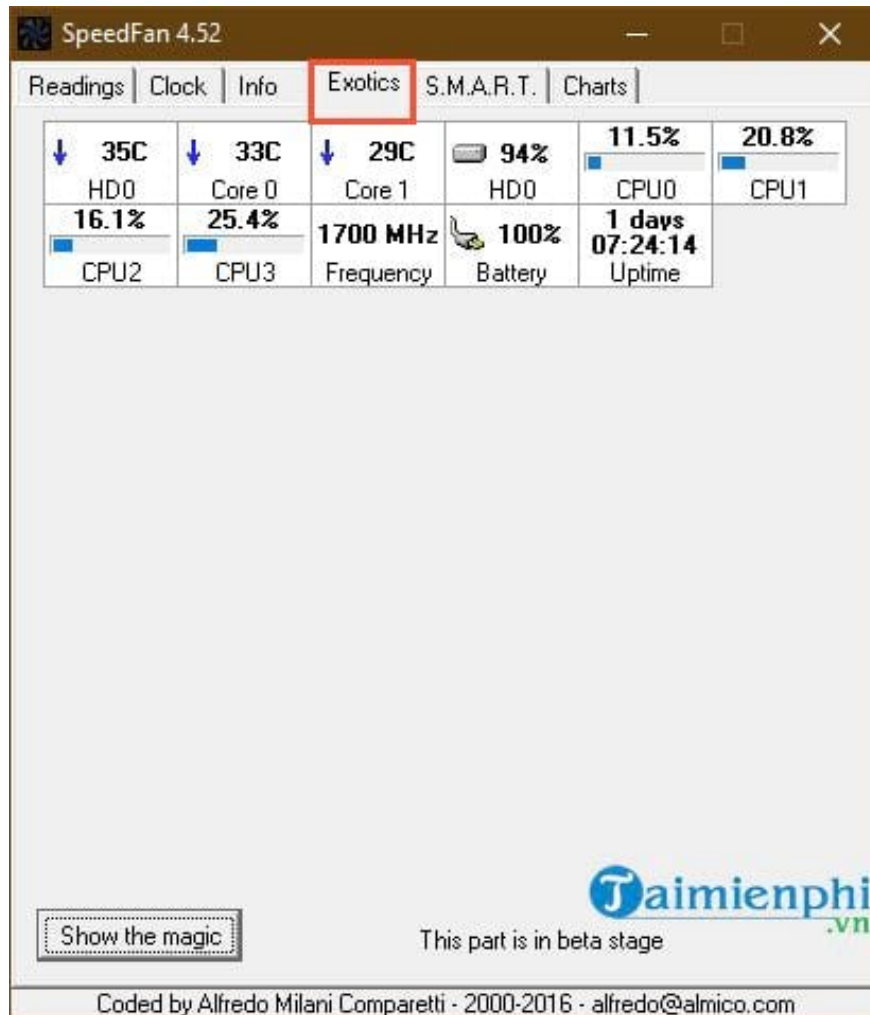
The interface below shows what happens when you go to the **Clock** tab ; here you can view and select the Automatic **CLOCK control** setting .



The Info tab provides users with information such as chipset details, DIMM information, and allows them to send reports to the manufacturer.



The Exotics tab allows you to view an overview of temperatures, CPU percentage, hard drive temperature, battery status, and more.



The SMART tab allows you to access and check the status of your hard drive, enabling you to analyze and make appropriate adjustments.

SpeedFan 4.52

Readings | Clock | Info | Exotics | **S.M.A.R.T.** | Charts

Hard disk: HD0 - 500.1GB - TOSHIBA MQ01ABF050

Model: TOSHIBA MQ01ABF050 Firmware: AM0Q5E

Perform an in-depth online analysis of this hard disk ?

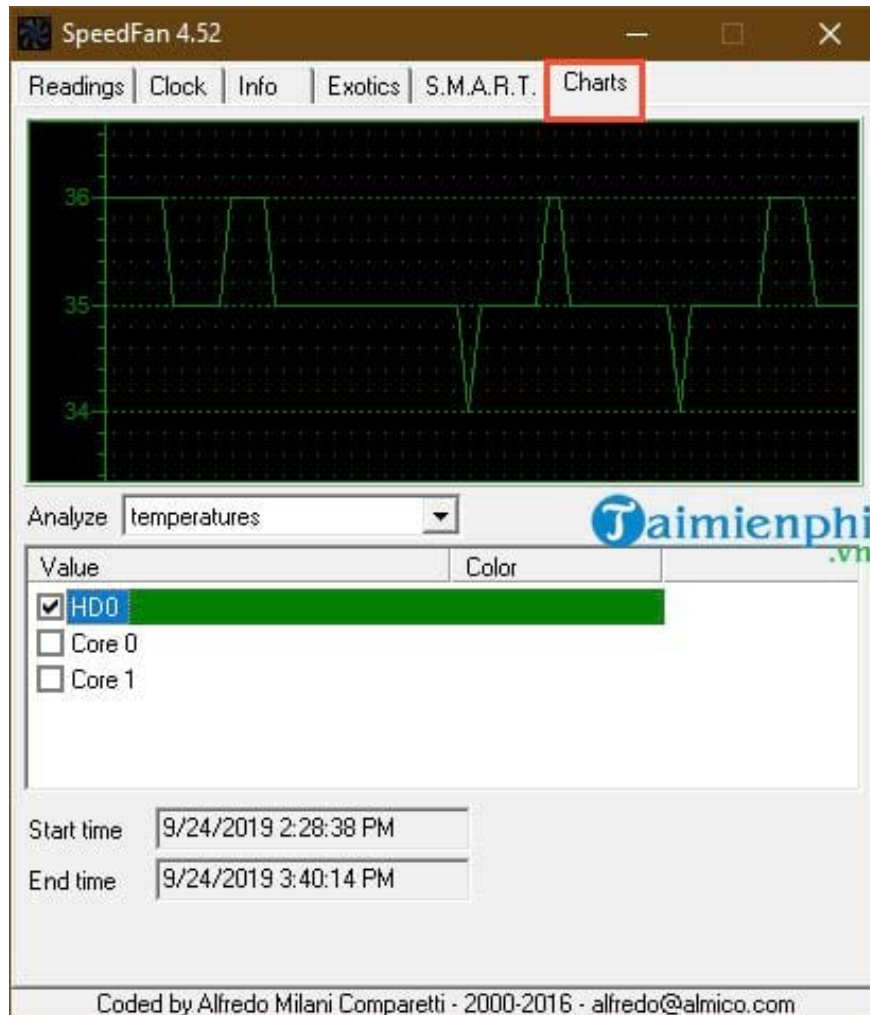
Extended test | Short test | Status: no error

Attribute	Value	Worst	Warn	Raw
Raw Read Error Rate	100	100	50	000000000000
Throughput Performance	100	100	50	000000000000
Spin Up Time	100	100	1	000000000526
Start/Stop Count	100	100	0	0000000008AA
Reallocated Sector Count	100	100	10	000000000000
Seek Error Rate	100	100	50	000000000000
Seek Time Performance	100	100	50	000000000000
Power On Hours Count	80	80	0	0000000020CD
Spin Retry Count	143	100	30	000000000000
Power Cycle Count	100	100	0	000000000862
GSense Error Rate	100	100	0	000000000F0E
Power Off Retract Count	100	100	0	000000000015
Load Cycle Count	96	96	0	00000000A29B
Temperature	100	100	0	002C000C0024
Reallocated Event Count	100	100	0	000000000000

Fitness: ██████████ Performance: ██████████

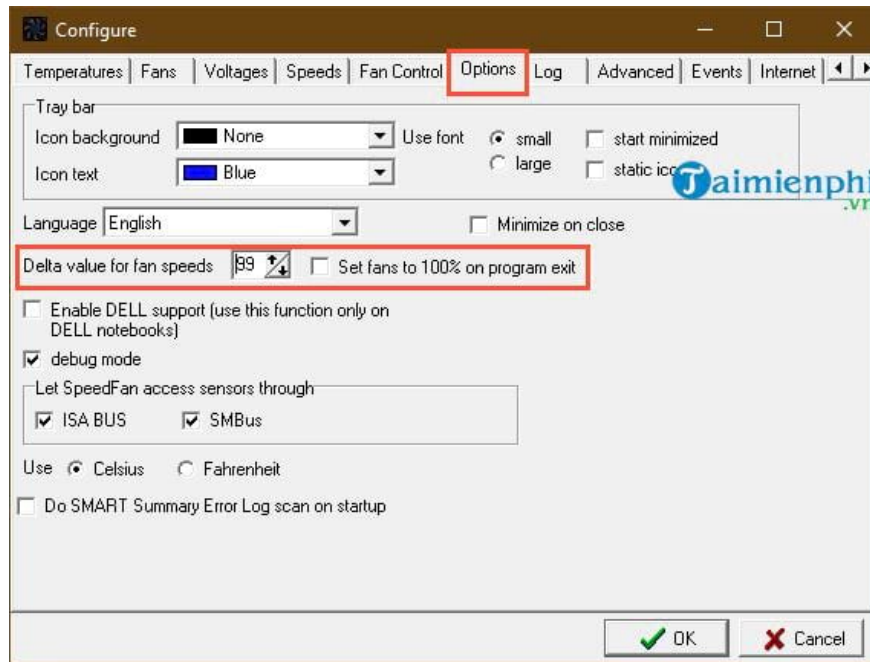
Coded by Alfredo Milani Comparetti - 2000-2016 - alfredo@almico.com

The information on the **Chart** tab displays the temperature of different areas on your computer or laptop.



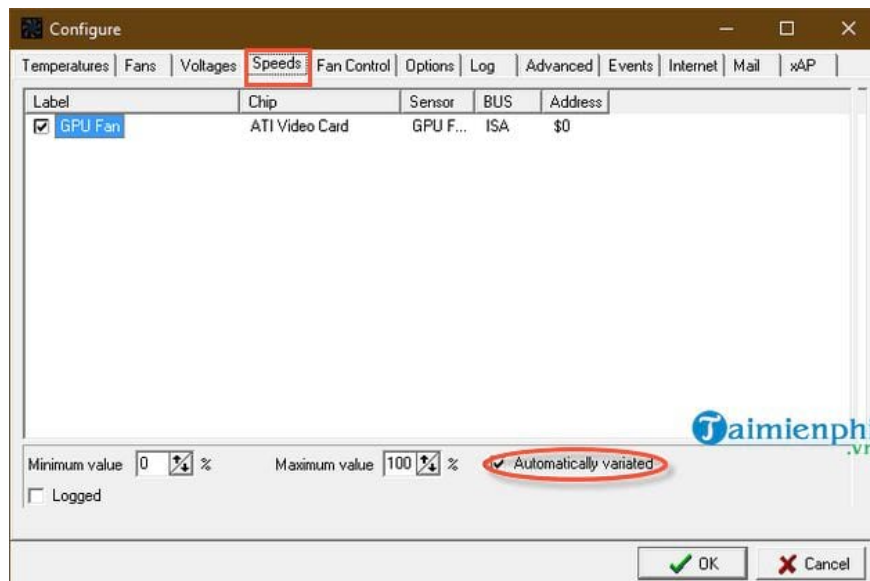
Step 3: Open the specific function on the Reading tab.

Click on **Configure** on the right. Next, go to the **Options** tab . Here, you need to make sure the fans are set to 100% when you exit the program (**Set fans to 100% on program exit**) and **set the Delta value for fan speeds to 99** (this is the maximum) . This setting will ensure that your computer's fans will not remain at the previous settings, even if the temperature rises.

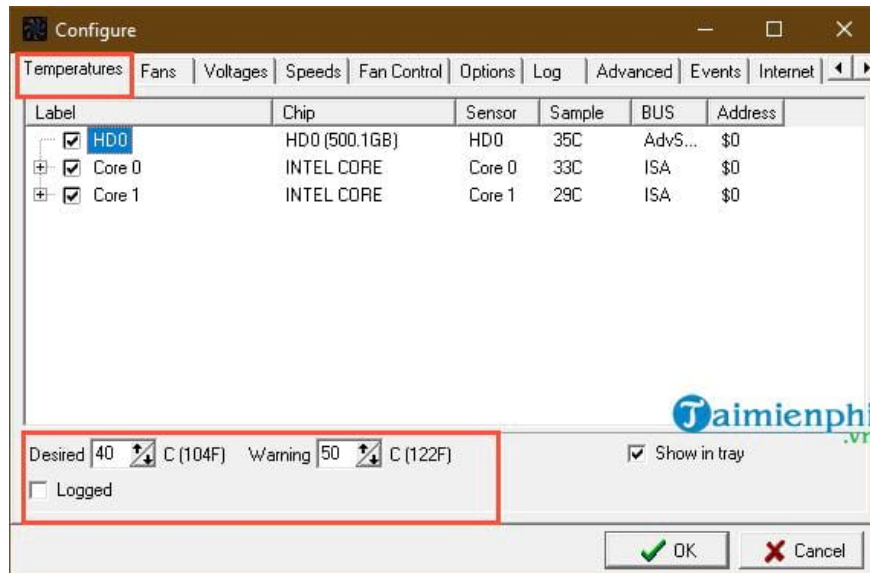


Next, go to the **Advanced** tab and select your motherboard's superIO chip from the dropdown menu. Find the PWM mode you need to change to manually control the PWM. Then, change the fan speed percentage by selecting the up and down arrows or entering a value into the dropdown menu.

If you want to set up automatic fan control, go to the **Speed** tab -> here, you can set the minimum and maximum values. Remember to check the " **Automatically varied**" option.



Moving on to the **Temperatures** tab , you can expand specific components and set the temperature settings where you want it to provide you with timely alerts at all times.



Using SpeedFan helps check CPU temperature and computer fan speed, monitoring hardware status and detecting early signs of overload to optimize computer performance. If you want to find more solutions, you can check out other free computer temperature monitoring software on TaiMienPhi to compare and choose the right tool.

You finished reading the article "**Instructions for using SpeedFan to check CPU temperature and fan speed.**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.