

How to quickly see the CPU temperature, hard drive, video card on the computer

Any activity on the computer will generate heat. If prolonged, it will slow down the machine, affecting CPU life and other parts in the machine.

Therefore, the temperature measurement on computers and laptops is essential. Here, I will guide everyone how to check the CPU temperature on the computer.

1. What temperature is ideal for your computer?

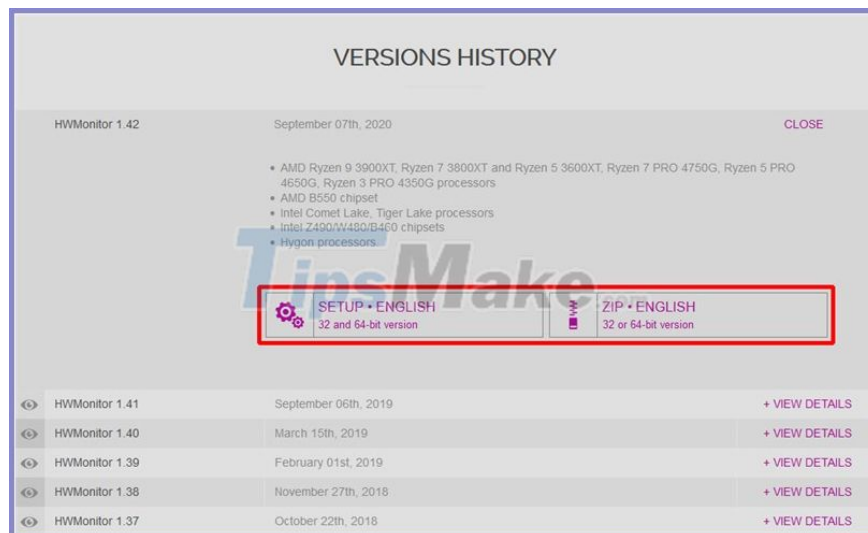
Depending on the model, there will be different safe operating temperatures. Below are common standard temperature ranges.

1. CPU: within 50 degrees Celsius is suitable.
2. Hard drive: below about 50 degrees C is suitable.
3. VGA: With the video card it is between 70 and 80 degrees C is suitable.

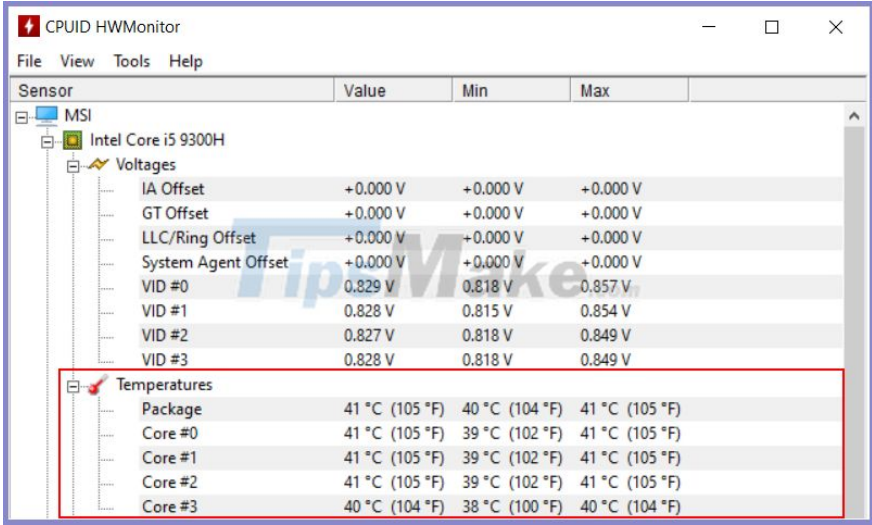
2. Check the computer CPU temperature by HWMonitor

Step 1 . Click the link below, choose **HWMonitor version 1.42** and you can download the **Setup** directly or **Zip** to be lighter.

[Download HWMonitor for computer here](#)

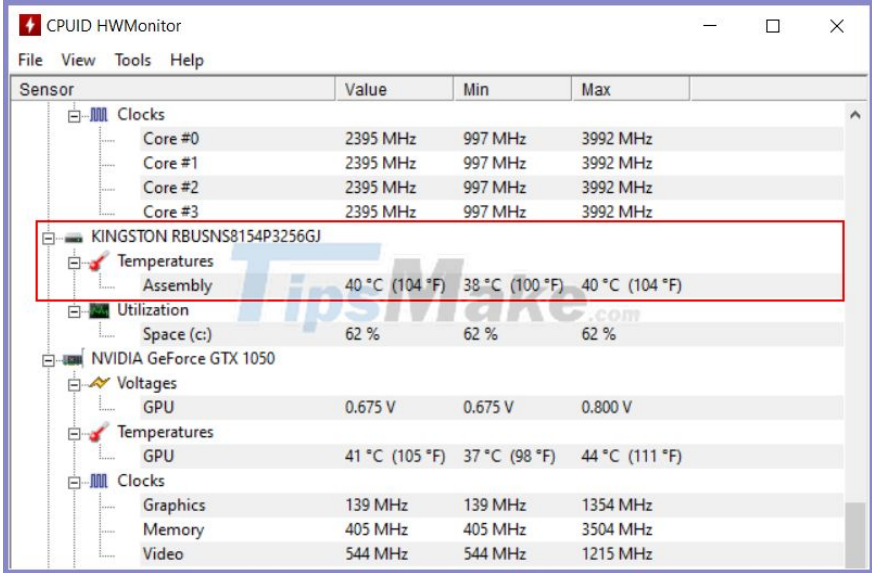


Step 2 . Installation is complete, you open up the software. In the top section is your **CPU** information , the **Temperatures** section is the current CPU temperature, with the **Core** and **Package** items .



Sensor	Value	Min	Max
MSI			
Intel Core i5 9300H			
Voltages			
IA Offset	+0.000 V	+0.000 V	+0.000 V
GT Offset	+0.000 V	+0.000 V	+0.000 V
LLC/Ring Offset	+0.000 V	+0.000 V	+0.000 V
System Agent Offset	+0.000 V	+0.000 V	+0.000 V
VID #0	0.829 V	0.818 V	0.857 V
VID #1	0.828 V	0.815 V	0.854 V
VID #2	0.827 V	0.818 V	0.849 V
VID #3	0.828 V	0.818 V	0.849 V
Temperatures			
Package	41 °C (105 °F)	40 °C (104 °F)	41 °C (105 °F)
Core #0	41 °C (105 °F)	39 °C (102 °F)	41 °C (105 °F)
Core #1	41 °C (105 °F)	39 °C (102 °F)	41 °C (105 °F)
Core #2	41 °C (105 °F)	39 °C (102 °F)	41 °C (105 °F)
Core #3	40 °C (104 °F)	38 °C (100 °F)	40 °C (104 °F)

Step 3 . Below will be information about the hard drive and the current temperature of your computer.



Sensor	Value	Min	Max
Clocks			
Core #0	2395 MHz	997 MHz	3992 MHz
Core #1	2395 MHz	997 MHz	3992 MHz
Core #2	2395 MHz	997 MHz	3992 MHz
Core #3	2395 MHz	997 MHz	3992 MHz
KINGSTON RBUSNS8154P3256GJ			
Temperatures			
Assembly	40 °C (104 °F)	38 °C (100 °F)	40 °C (104 °F)
Utilization			
Space (c:)	62 %	62 %	62 %
NVIDIA GeForce GTX 1050			
Voltages			
GPU	0.675 V	0.675 V	0.800 V
Temperatures			
GPU	41 °C (105 °F)	37 °C (98 °F)	44 °C (111 °F)
Clocks			
Graphics	139 MHz	139 MHz	1354 MHz
Memory	405 MHz	405 MHz	3504 MHz
Video	544 MHz	544 MHz	1215 MHz

3. Measure CPU temperature using Open Hardware Monitor

Step 1 . Click the link below to download the Open Hardware Monitor software.

[Download Open Hardware Monitor](#)

Step 2 . Install the software and launch Open Hardware Monitor. You will have information about the CPU, GPU temperature, voltage being used in your computer, and how fast the fan is operating.

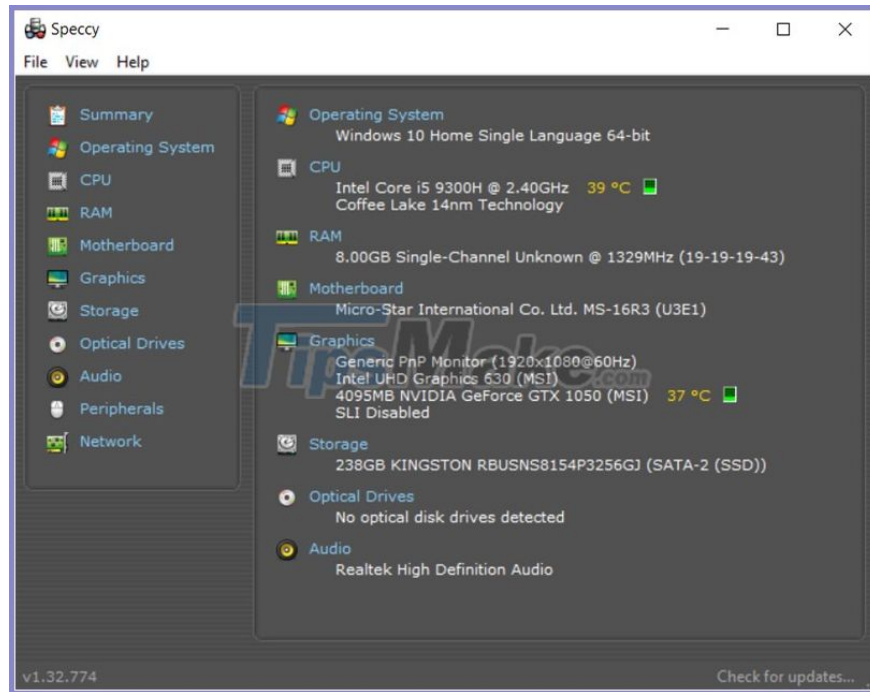
Sensor	Value	Max
MSI		
MSI MS-16R3		
Intel Core i5-9300H		
Clocks		
Temperatures		
CPU Core #1	47.0 °C	64.0 °C
CPU Core #2	47.0 °C	61.0 °C
CPU Core #3	47.0 °C	64.0 °C
CPU Core #4	47.0 °C	65.0 °C
CPU Package	49.0 °C	65.0 °C
Load		
Powers		
CPU Package	18.1 W	32.3 W
CPU Cores	5.5 W	20.5 W
CPU Graphics	1.1 W	2.0 W
CPU DRAM	0.5 W	0.7 W
Generic Memory		
NVIDIA GeForce GTX 1050		
Clocks		
Temperatures		
GPU Core	44.0 °C	45.0 °C
Load		
Data		
GPU Memory Free	3882.3 MB	3882.3 MB
GPU Memory Used	213.7 MB	213.7 MB
GPU Memory Total	4096.0 MB	4096.0 MB
Throughput		
GPU PCIe Rx	0.0 KB/s	0.0 KB/s
GPU PCIe Tx	0.0 KB/s	0.0 KB/s
Generic Hard Disk		
Load		
Used Space	62.1 %	62.1 %

4. Check CPU temperature using Speccy

Speccy is a system diagnostic software that includes a CPU temperature check feature. You can download it from the link below.

[Download Speccy for your computer](#)

As soon as you open Speccy, you'll see all the related temperatures you need to know for a healthy laptop. Speccy is also great for finding information on the system, so make sure you remember this app, for example when you need info about the operating system or motherboard. You can get more in-depth information about the processor.



So I have finished instructing everyone how to quickly check the temperature of the CPU, video card, and hard drive on my computer.

Good luck.

You finished reading the article "**How to quickly see the CPU temperature, hard drive, video card on the computer**" 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.