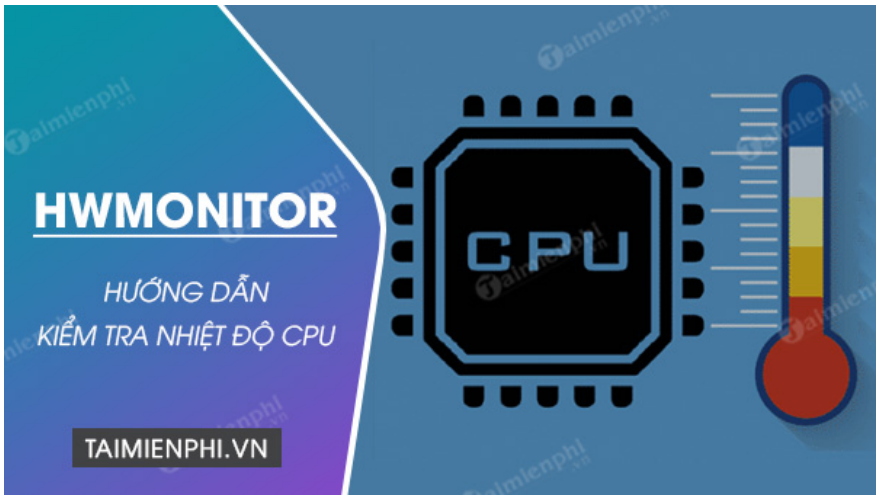
Instructions on how to check CPU temperature using HWMonitor

This guide shows you how to check your CPU temperature using HWMonitor, helping you monitor your computer's temperature and avoid high temperatures that can cause lag during use. Measuring CPU temperature with HWMonitor allows you to quickly and easily address overheating issues.

This method helps you:

- Check the CPU temperature and ensure it remains stable.
- Monitor power supply parameters, etc.

The CPU – the central processing unit – can be likened to the "brain" of a computer. This component generates a significant amount of heat during operation. After a period of use, if the temperature continues to rise, it will reduce performance or, more seriously, shorten the lifespan of the device.



Instructions on checking CPU temperature using HWMonitor

To determine if their CPU is operating within safe temperature limits, users cannot check the CPU temperature directly but need to use supporting software. In this article, Taimienphi will guide you on how to quickly and accurately **check your CPU temperature using HWMonitor .**

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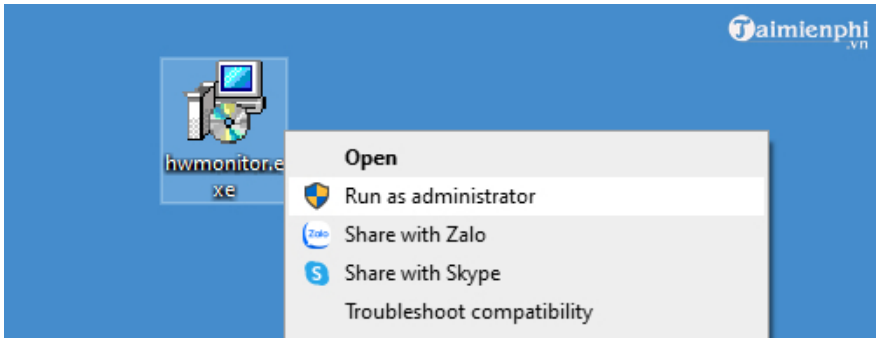
1. Install HWMonitor on your computer.

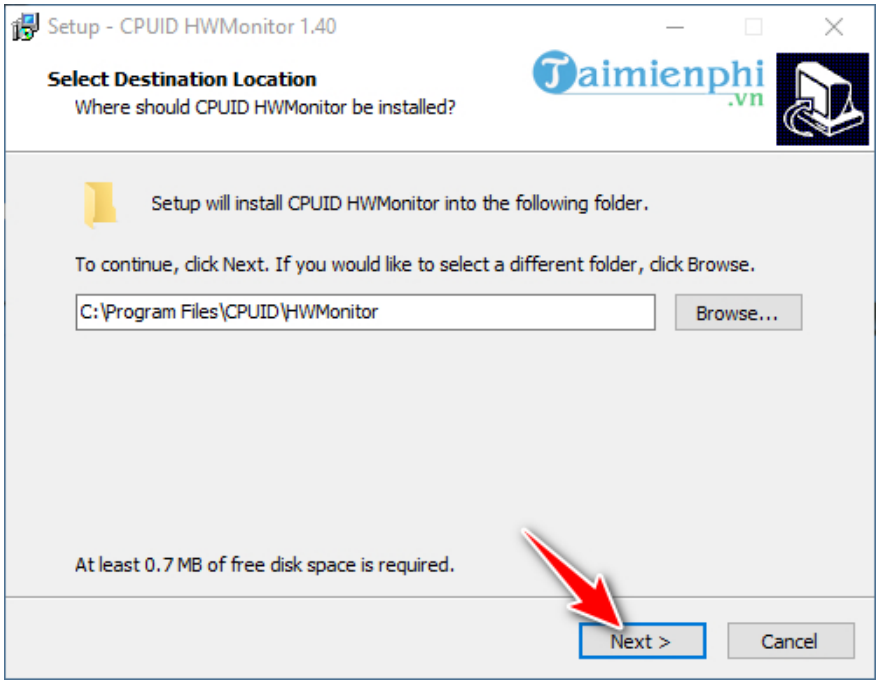
The HWMonitor installation process is also relatively simple because the software is compact and doesn't have too many settings.

Step 1: Download the latest version of HWMonitor software to your device.

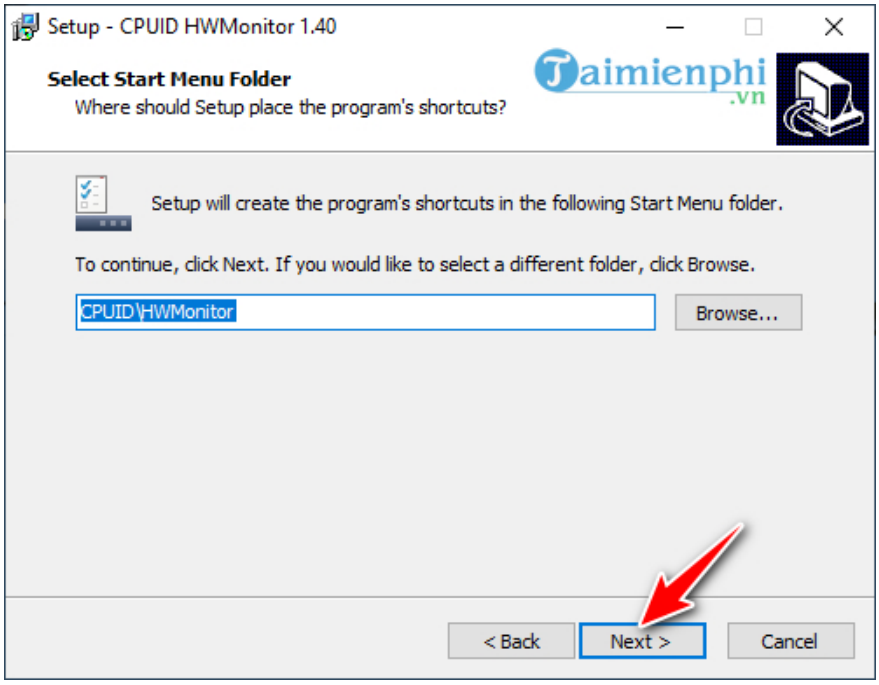
Step 2: Open the downloaded **HWMonitor installation** file , right-click, and select **"Run as administrator"** to begin the installation.



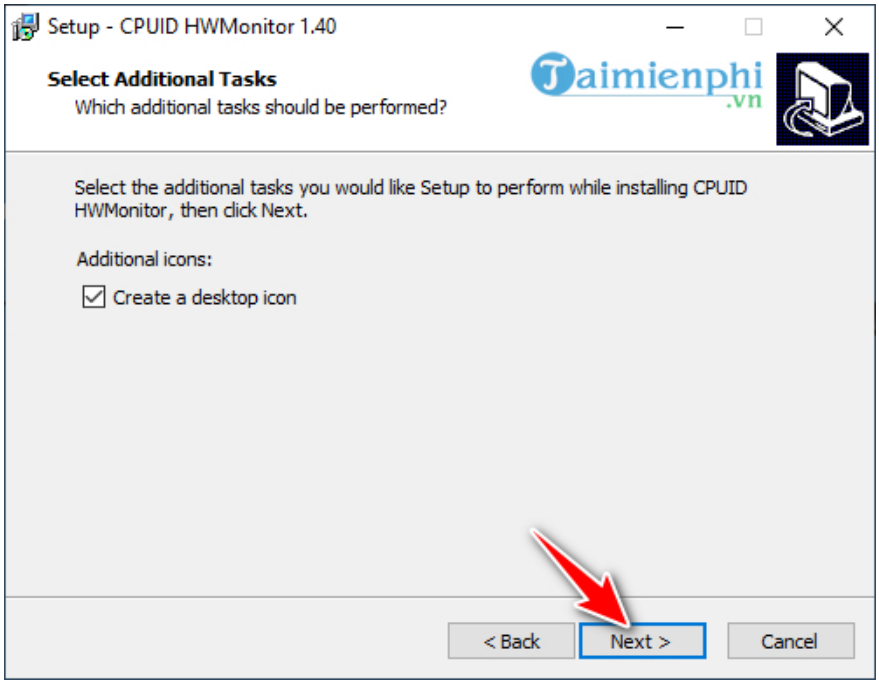
Step 3: Select **Browse.** to set the installation folder location for HWMonitor on your device, then press **Next** .



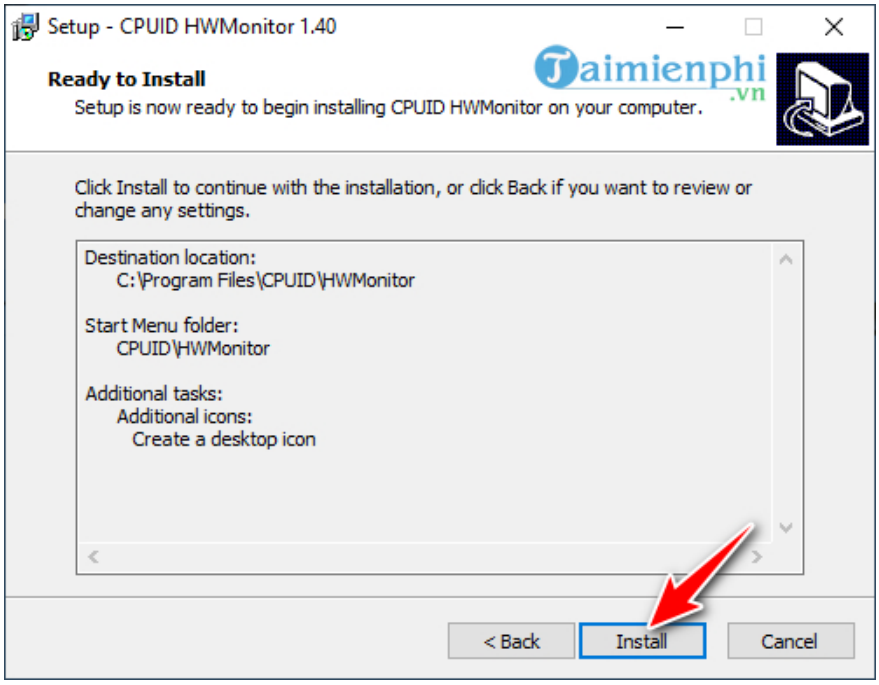
Step 4: Similarly, click **Browse.** to set the installation location for HWMonitor in **the Start Menu** . Click **Next** to proceed to the next step.



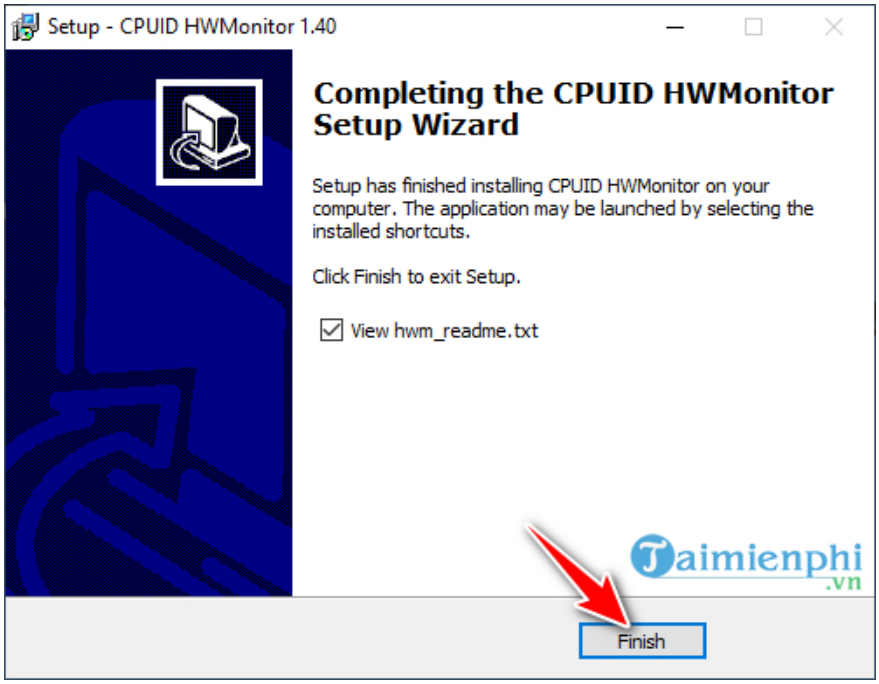
Step 5: Check the box next to **"Create a desktop icon"** and then click " **Next"** to agree to create a shortcut for the software on your desktop.



Step 6: Review the selected settings. Press **Install** , and the system will automatically install HWMonitor on your device.



Step 7: After the installation is complete, the system will display a notification as shown below. Click **Finish** to close the notification window and start using the software.



2. Check CPU temperature using HWMonitor

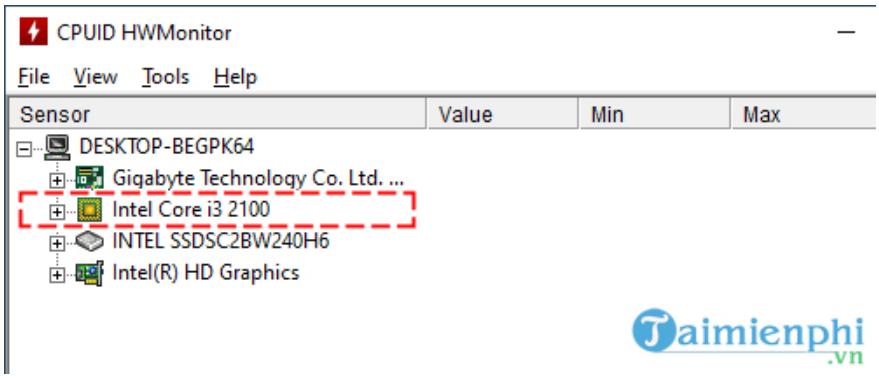
Step 1: Open the HWMonitor software on your computer.
Step 2: The HWMonitor working window is quite simple, divided into sections as illustrated below, including:

- **Computer motherboard**
- **Computer CPU**
- **Computer hard drive**

- Computer graphics card

Depending on the device's hardware configuration, HWMonitor will display additional items.

Step 3: To check the CPU temperature using HWMonitor, double-click on the **[CPU Name]** item of your computer, in this example: **Intel Core i3 2100** .

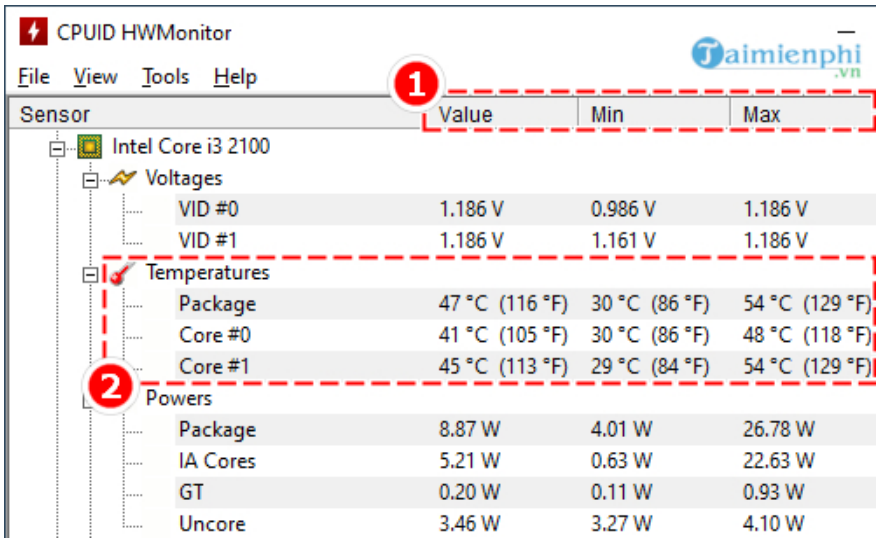


Step 4: Navigate to the **Temperatures** folder and view the information in the Package **,** Core **#0** , and **Core #1** sections . The values ??are divided into three columns: **Value** - current value, **Min** - lowest value, and **Max** - highest value.

- Package: Shows the overall CPU temperature.
- Core #0 and Core #1 : These are the two physical cores of the CPU. (If the CPU has four cores, the software will also display Core #2 and Core #3.)

Therefore, you can measure the CPU temperature using HWMonitor, which is currently fluctuating around 47 degrees Celsius.

You can also convert Celsius to Fahrenheit to better understand and grasp the CPU temperature situation if you are not familiar with Celsius and vice versa.



3. Things to note about CPU temperature

- The average **CPU** temperature ranges from **50 to 70 degrees Celsius** . If it exceeds this level, the computer will experience stuttering, lag, and freezing. If the temperature exceeds **70 degrees Celsius,** you should close some applications.

- The hard drive temperature should be below **50°C** .
- For **the graphics card,** the temperature should be between **70-80°C** . High temperatures will cause the cooling fan to become noisy.

To address the issue of your computer overheating, you can refer to additional methods for cooling your computer to help lower the temperature.

Through this article, Taimienphi has shared with users how to check CPU temperature using HWMonitor. Besides measuring the CPU temperature, you can also use HWMonitor to check the temperature of your computer , hard drive, VGA card, RAM, etc.