

CPUID HWMonitor PRO Usage Guidelines

Version 1.02 – July 2026

Table of Contents

Installation	3
Interface customization	4
Data logging	5
Real-time Graphs	5
Remote Monitoring	7
▪ Firewall considerations	7
▪ Remote a PC from another PC	8
▪ Remote a PC from an Android device	8
Tray Icons	9
Registration	10
▪ Available licenses (may 2026)	10
▪ Use the registration key	11
▪ Updates	11
Frequently Asked Questions (FAQ)	12
END-USER LICENSE AGREEMENT	13
▪ CPUID HARDWARE MONITOR PRO PRODUCT LICENSE	13
GRANT OF LICENSE	13
ALL SALES FINAL	14
COPYRIGHT	14
SOFTWARE DEFECT REPORTING	14
UPDATES	15
▪ RIGHTS OF CPUID	15
▪ TERM	15
▪ DISCLAIMER OF WARRANTY	15
▪ LIMITATION OF LIABILITY	16
▪ INDEMNIFICATION	16
▪ GOVERNING LAW	16
▪ SEVERABILITY	17

▪	WAIVER	17
▪	TRADEMARKS.....	17
▪	COMPLETE AGREEMENT	17
▪	OPTIONAL SUPPORT SERVICES.....	17

Installation

HWMonitor Pro is available as a setup version (that does automatically install the 32-bit or the 64-bit binaries depending on your Windows version, creates the application entries in start menu and on desktop) and as a .zip file that contains the two binaries (portable, no installation).

▪ Before Installing

For security reasons, before opening the installation file (either the .exe or the .zip), please check the **SHA256** checksum of the file that you've downloaded. In order to achieve that, open a command prompt (CMD command), then type :

```
certutil -hashfile FilenameWithCompletePath SHA256
```

For example : "certutil -hashfile c:\tools\cpuid\hwmonitor-pro_1.58.zip SHA256".

then compare the output with the [checksums list](#) (please check the extension to be sure that you do the right comparison).

If the checksum is not the **exact same**, please **do not** open the downloaded file, and re-download it directly from our [website](#).

▪ Installation

If you've chosen the zip file, unzip the file in a folder and run the « x64 » version. If it does not start, this may mean that you are using a Win32 version of Windows, and in that case run the « x32 » version of the executable.

If you've chosen the Setup version, run the executable file and let it guide you through the installation process. If you already have a registration key, the program should automatically find it. If not, you can either copy the pvk file in the user folder (Menu *Tools* -> *Open User Folder*), or re-enter the registration key (Menu *Register* -> *Enter Registration Key*).

If after all those steps your key is still not recognized by the newly installed version, please read the [Registration](#) paragraph.

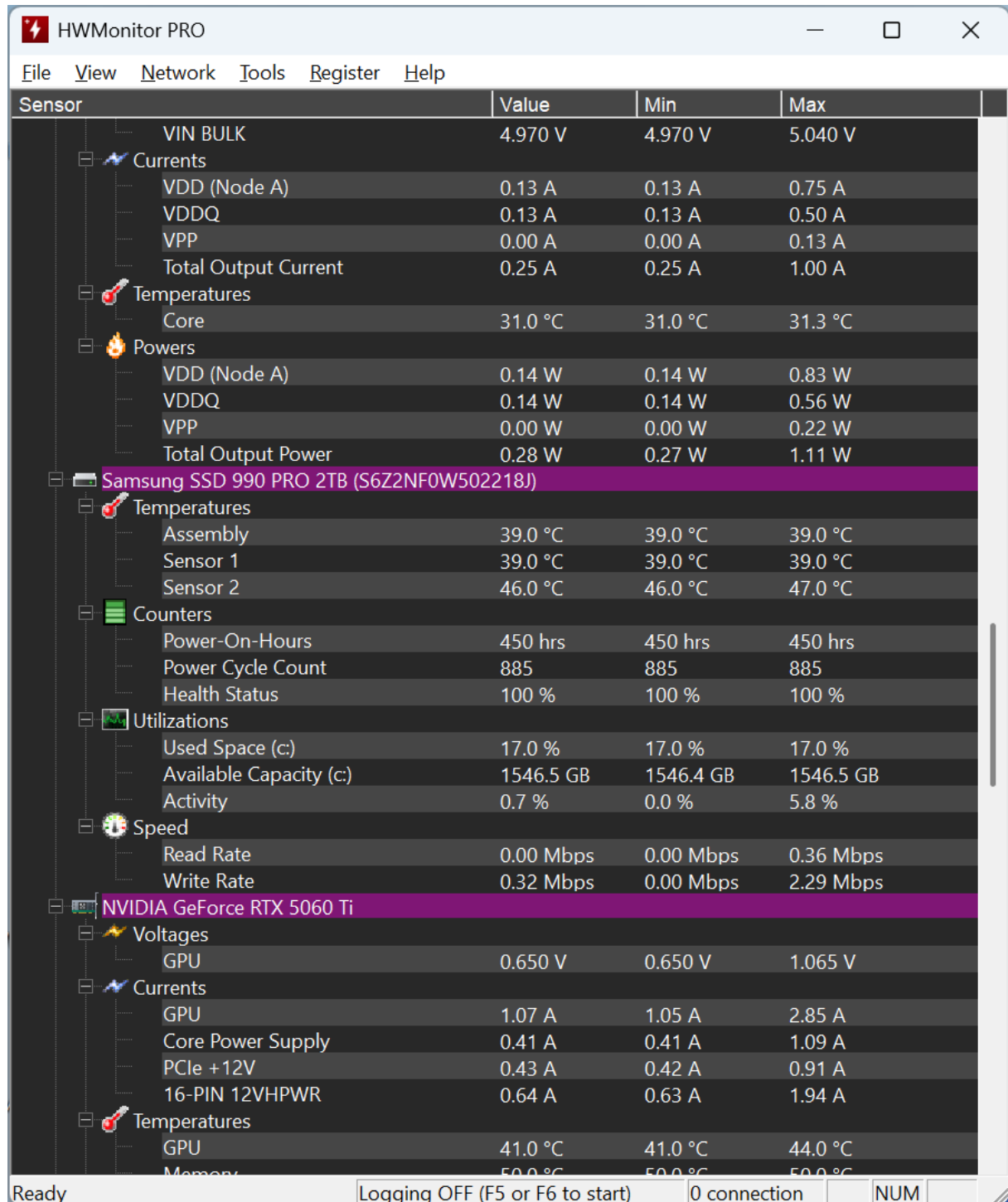
▪ Removal

You can remove the program either from the *Add or Remove Programs* window (from *Settings*, *Control Panel*), or choose *Uninstall HWMonitor Pro* from *Start menu*, *Programs*, *CPUID*. Please note that the directory *CPUID* won't be deleted since it contains the ini file and possibly your registration key.

Interface customization

- **Themes (*View -> Theme*)**

Four themes are available : default (classic Windows), Grey/Purple, Grey/Orange and Blue.



The screenshot displays the HWMonitor PRO application window. The interface features a dark grey background with purple highlights for category headers and selected items. The main data area is a table with columns for Sensor, Value, Min, and Max. The sensors are organized into a tree view on the left, with categories like Currents, Temperatures, Powers, Samsung SSD 990 PRO 2TB, NVIDIA GeForce RTX 5060 Ti, and others. The status bar at the bottom shows 'Ready', 'Logging OFF (F5 or F6 to start)', '0 connection', and 'NUM'.

Sensor	Value	Min	Max
VIN BULK	4.970 V	4.970 V	5.040 V
Currents			
VDD (Node A)	0.13 A	0.13 A	0.75 A
VDDQ	0.13 A	0.13 A	0.50 A
VPP	0.00 A	0.00 A	0.13 A
Total Output Current	0.25 A	0.25 A	1.00 A
Temperatures			
Core	31.0 °C	31.0 °C	31.3 °C
Powers			
VDD (Node A)	0.14 W	0.14 W	0.83 W
VDDQ	0.14 W	0.14 W	0.56 W
VPP	0.00 W	0.00 W	0.22 W
Total Output Power	0.28 W	0.27 W	1.11 W
Samsung SSD 990 PRO 2TB (S6Z2NF0W502218J)			
Temperatures			
Assembly	39.0 °C	39.0 °C	39.0 °C
Sensor 1	39.0 °C	39.0 °C	39.0 °C
Sensor 2	46.0 °C	46.0 °C	47.0 °C
Counters			
Power-On-Hours	450 hrs	450 hrs	450 hrs
Power Cycle Count	885	885	885
Health Status	100 %	100 %	100 %
Utilizations			
Used Space (c:)	17.0 %	17.0 %	17.0 %
Available Capacity (c:)	1546.5 GB	1546.4 GB	1546.5 GB
Activity	0.7 %	0.0 %	5.8 %
Speed			
Read Rate	0.00 Mbps	0.00 Mbps	0.36 Mbps
Write Rate	0.32 Mbps	0.00 Mbps	2.29 Mbps
NVIDIA GeForce RTX 5060 Ti			
Voltages			
GPU	0.650 V	0.650 V	1.065 V
Currents			
GPU	1.07 A	1.05 A	2.85 A
Core Power Supply	0.41 A	0.41 A	1.09 A
PCIe +12V	0.43 A	0.42 A	0.91 A
16-PIN 12VHPWR	0.64 A	0.63 A	1.94 A
Temperatures			
GPU	41.0 °C	41.0 °C	44.0 °C
Memory	50.0 °C	50.0 °C	50.0 °C

Ready Logging OFF (F5 or F6 to start) 0 connection NUM

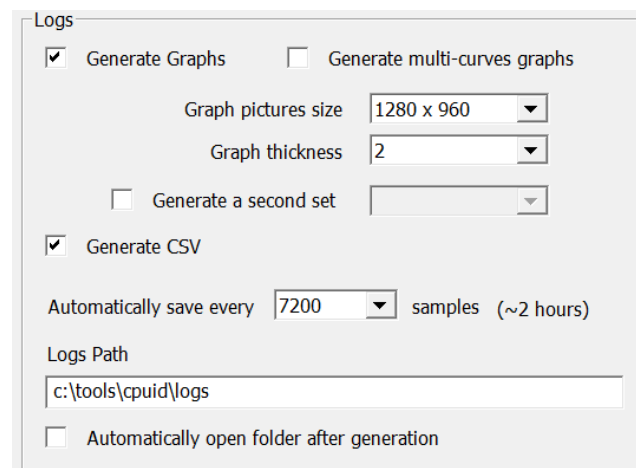
Grey/Purple theme

- **Editable labels (F2)**

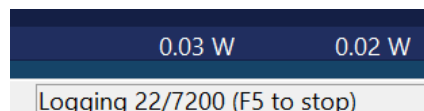
Sensor labels can be manually edited. To achieve that, select the sensor line, then press *F2* or *right-click (floating menu)* -> *Edit Label* to activate the edition. You can also select *View* in the main menu, then *Edit Selection Label*. Labels can also be restored to their original value by selecting *Restore Label* in the floating menu.

Data logging

HWMonitor PRO includes multiple data logging capabilities : CSV (Comma-separated values) and graphs (as up to 2 sets of bitmap images).



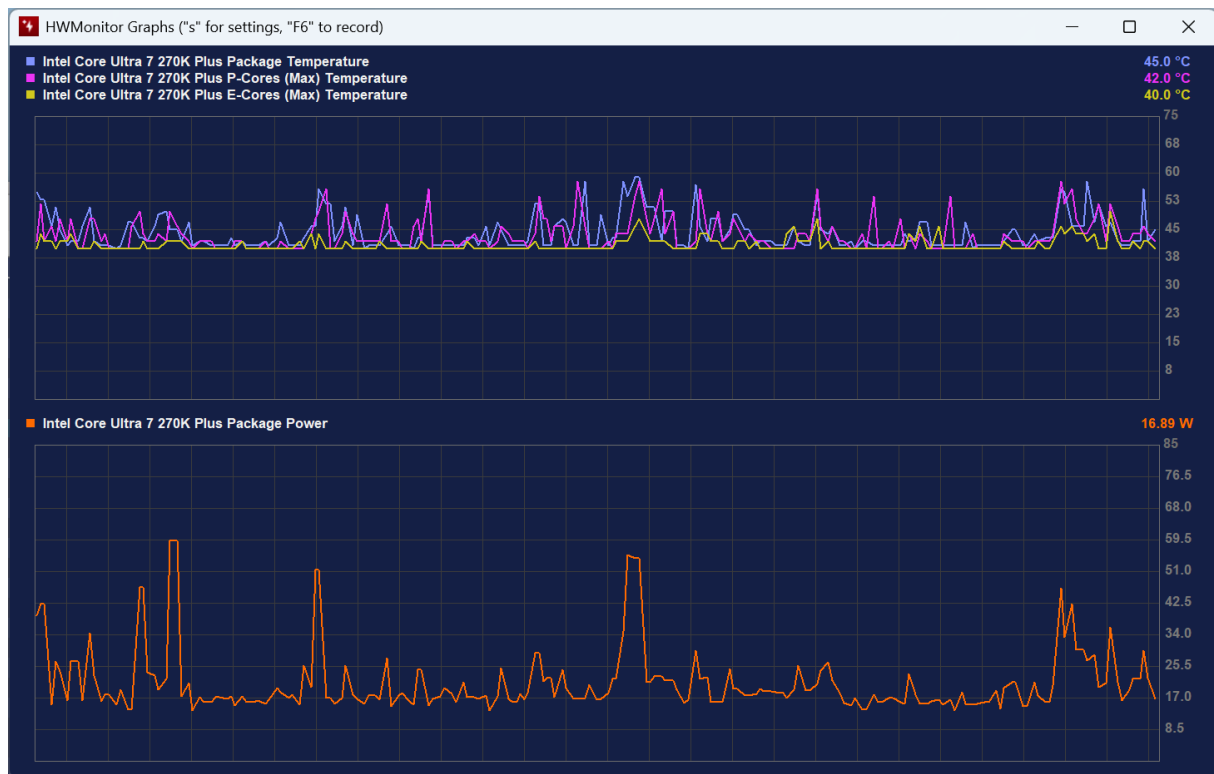
Logging is triggered with the **F5** key. Note that if the [graph window](#) is populated, it is also possible to log only the sensors that are reported in it, with the **F6** key.



Logging status in the status bar

Real-time Graphs

HWMonitor PRO 1.58 introduces a new feature that allows to display any sensor data in a real-time graph.

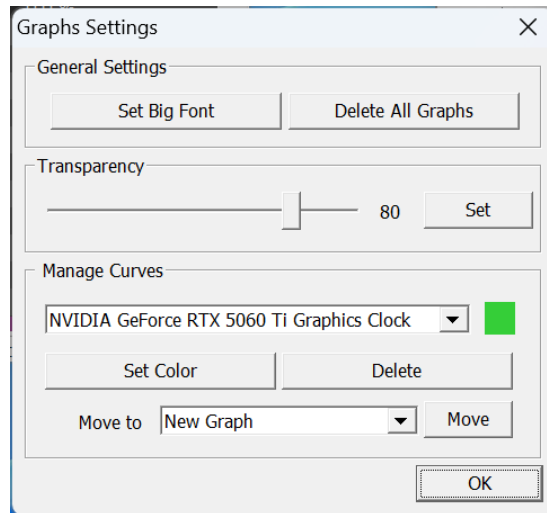


- **Add a sensor to the graph Window**

Select the sensor, then right-click to make the floating menu appear and chose *Add to Graph*. The graph window will automatically appear. By default, all sensors of the same type (temperatures, clock speeds, powers ...) are added to the same graph.

- **Customize the graph Window ("s")**

Right-click on the graph Window then chose *Settings* (or press « s ») to display the graph settings dialog. For every curve displayed, it allows to move it (to a new or an existing graph), change its color, or delete it.



- *Set Big Font* increases the graph window font size to make it more readable on small side screens such as the Corsair Xeneon Edge.
- *Delete All Graphs* causes all graphs and associated curves to be deleted.
- *Transparency* allows to setup a transparency level for the graphs window.

▪ **Data logging (F6)**

The Data logging feature mentioned in the [previous chapter](#) can be limited to the sensors displayed in the graph window. In order to activate it, press the « F6 » key instead of the « F5 » key used to record all sensors.

Remote Monitoring

The remote monitoring feature in HWMonitor PRO is the ability to monitor one or several PCs on the same local network. PCs can be monitored from another PC, or from an Android mobile device thanks to the dedicated application.

▪ **Firewall considerations**

The instances of HWMonitor PRO exchange data through port **25021**. In order to keep your system secure, firewalls programs are detecting non declared port accesses, henceforth, before using the remote features of HWmonitor PRO, you may need to declare the program to your custom firewall, or by default to Windows integrated firewalls. Depending on how your firewall is configured, you may be prompted to grant access to the program once the firewall requires it (typically as soon as you run a command related to remote monitoring).

DO NOT disable or stop your firewall in order to make HWMonitor PRO remote feature work. Doing this would make your system vulnerable.

- Remote a PC from another PC

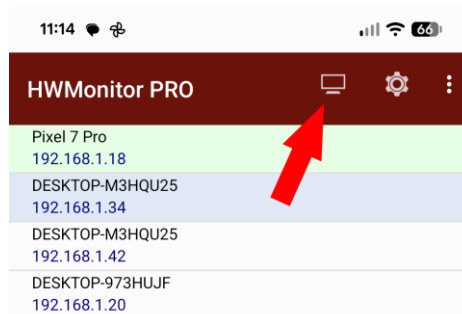
The steps to display the monitoring data of PC2 on PC1 are as following :

- a. Start HWMonitor PRO on PC1 and PC2.
- b. Switch to Listening mode to ON on PC2 (Network -> Listening Mode). When in listening mode, the program instance sends its data to all other instances connected to it. Note the IP address of PC2 (shown near to computer name at the root node).
- c. On PC1, open menu *Network -> Connect -> IP Address* and enter the IP address of PC2. A new root node for PC2 appears in HWMonitor PRO.

Note that the remote sensors are also [logged](#) and can be displayed in the [graph window](#).

- Remote a PC from an Android device

- a. Install HWMonitor PRO for Android from the [Google Play Store](#).
- b. Tap on the *Add Device* icon :



- c. Enter the IP address of the PC you want to connect to. It is not necessary to fill the name field, the program will automatically add the computer name at the first connection.

Add Device

Please enter the name of the machine or its IP address. If both are entered, the IP address will be used first to find the machine.

Name

IP Address

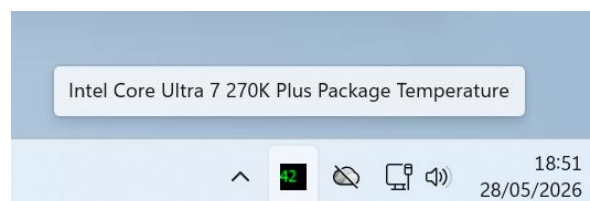
- d. Tap on the newly added device to connect to it.
- e. If the connection succeeds, the monitoring data appear.

DESKTOP-HUEISLB (192.168.1.26) 		
^  Temperatures		
ASRock Z890 Taichi Lite	CPU	40,0 °C
ASRock Z890 Taichi Lite	Mainboard	30,0 °C
ASRock Z890 Taichi Lite	SYSTIN	40,0 °C
ASRock Z890 Taichi Lite	TMPIN5	41,0 °C
ASRock Z890 Taichi Lite	TMPIN6	40,0 °C
ASRock Z890 Taichi Lite	TMPIN8	31,0 °C
ASRock Z890 Taichi Lite	AUXTIN0	33,0 °C
ASRock Z890 Taichi Lite	AUXTIN2	31,0 °C
ASRock Z890 Taichi Lite	AUXTIN4	18,0 °C
ASRock Z890 Taichi Lite	Intel PCH	33,0 °C
Intel Core Ultra 7 270K Plus	Package	39,0 °C
Intel Core Ultra 7 270K Plus	VR Limit	125,0 °C
Intel Core Ultra 7 270K Plus	P-Cores (Max)	40,0 °C
Intel Core Ultra 7 270K Plus	E-Cores (Max)	38,0 °C
Intel Core Ultra 7 270K Plus	P-Core #0	38,0 °C
Intel Core Ultra 7 270K Plus	P-Core #1	38,0 °C

Note that this is also possible to remote monitor an Android device from a PC, or from another Android device.

Tray Icons

To add a sensor in the system tray, select it and right-click to make the floating menu appear, then choose *Add to tray*. You can also select View in the main menu, then *Add Selection to Tray*.

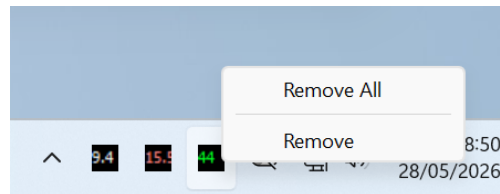


If all icons are not visible, you can setup Windows in order it does always display all icons in the system tray :

- Windows 10/11 : right-click on the task bar, choose *Properties*. In *Personalization* > *Taskbar*, select *Other system tray icons*, then enable *HWMonitor PRO*.

- Windows 7 : right-click on the task bar, choose *Properties*. Click on the *Customize button* in the Notification Area group. Then check Always show all icons and notifications in the taskbar.

Sensors tray icons can be individually removed by right clicking on each of them and choose *Remove* in the popup menu. Choose *Remove All* to remove all sensors icons from tray.



HWMonitor PRO can be minimized to tray by choosing *View* menu, *Minimize to Tray*. If you check "Minimize to Tray" in the option dialog, the program will be minimized to tray everytime it is minimized. Once minimized to tray, double-click on the program tray icon to restore the interface.

Registration

You can test HWMonitor PRO for a 30-day period (that delay may vary). If you are willing to continue using the program after that time, you are required to purchase a license key. Before you purchase a license, we encourage you to [read the program's End-User License Agreement \(EULA\)](#).

- Available licenses (may 2026)

License name	License features	Price	Purchasing link
Standard	- Unlimited usage duration. - One year unlimited updates (starting at the purchase date). - Up to 10 remote connections.	€19.95-	

Extended	• Unlimited usage duration. • Two years unlimited updates (starting at the purchase date). • Up to 20 remote connections.	€34.95-	
----------	---	---------	---

▪ Use the registration key

Once you've received your key by email, the process to use it is as following :

- Open the registration dialog (menu *Register* -> *Enter Registration Key*).
- Copy the registration code that is provided in the email that you received after the registration purchase, then paste it in the edit control of the registration dialog. Click on OK.
- Close HWMonitor PRO and run it again, or restart it (Tools -> Restart). Your version is now registered.
- Check your license at any time with *Help* -> *About HWMonitor PRO*.

For more convenience, when you enter your registration code in the registration dialog, your personal key is saved in a file named **hwmpo.pvk** and stored in the same directory as the application. If you delete this file, you will have to enter your registration code again.

Do not diffuse your pvk file or your registration code, that would be considered as a violation of the [EULA](#). Your key contains all information that you've entered during the registration process, including your name and email address.

If your key does not work, please check that your license is well in the [updates range](#). If not and still no success, please [contact us](#) and don't forget to mention your purchase reference ID in the message.

▪ Updates

The available licenses allow one or two years updates, meaning that you can use **all versions of HWMonitor PRO released within one or two years after the purchasing of the license**. For example, if you purchase a standard license in may 2026, you can use all versions of HWMonitor PRO released up to may 2027.

All versions of HWMonitor PRO can be found at that address :

<https://www.cpuuid.com/software/hwmonitor-pro.html#version-history>

Frequently Asked Questions (FAQ)

1. What are the differences between HWMonitor PRO and the non PRO / free version of HWMonitor ?

HWMonitor PRO shares the exact same hardware monitoring features as HWMonitor, and adds :

- the remote monitoring (PC from PC and PC from Android device).
- Sensors as tray icons.
- more advanced logging capabilities, like the graphs generator.

2. I run the trial version of HWMonitor PRO. If I decide to purchase a license, will the registered version bring more features ?

No, because it is made to evaluate the product before you buy it, the trial version includes all the features of the registered version.

3. My license used to work, but I've downloaded the latest version of Hardware Monitor PRO, and at startup the programs asked my registration key again. When I enter it, it does not work and keeps asking for it.

Your license included an [update period](#) (one year for the classic version, two years for the extended version), meaning that you can use all versions of HWMonitor PRO released during that period. You can either download a [previous version](#) from the versions history, either renew your license.

4. I bought a new PC, can I use my existing license on it ?

Yes, you can transfer your license to a new PC. Repeat the [registration process](#) on it.

5. I've just bought a license but the registration process does not work and HWMonitor PRO keeps asking for it.

Please [contact us](#) and don't forget to mention your purchase reference ID in the message.

6. I've changed one or more devices in my computer, but HWMonitor PRO keeps seeing the old devices.

Go in *Tools -> Open User Folder*, then close HWMonitor PRO. Then, delete hwmprow.ini, and restart HWMonitor PRO.

7. I've updated HWMonitor PRO and the remote connections does not work anymore.

Please make sure that you use the same version of HWMonitor PRO on all machines.

8. When I try to connect to a PC on my local network from my Android smartphone, I get an error message.

The connection from an Android device requires to connect it to the local Wifi network.

END-USER LICENSE AGREEMENT

IMPORTANT - PLEASE READ CAREFULLY.

This End-User License Agreement is a legal agreement between you (either an individual or a single entity) and CPUID for the CPUID software product identified above, which includes computer software and associated media and printed materials, and may include “online” or electronic documentation. By installing, copying, or otherwise using Hardware Monitor Pro, you agree to be bound by the terms of this agreement.

■ CPUID HARDWARE MONITOR PRO PRODUCT LICENSE

CPUID HARDWARE MONITOR PRO is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. CPUID HARDWARE MONITOR PRO is licensed, not sold.

GRANT OF LICENSE

This License Agreement grants you the following limited, nontransferable and non-exclusive rights :

- a. You may use CPUID HARDWARE MONITOR PRO for a non-renewable trial period of 30 days, during which you have the right to make copies of CPUID HARDWARE MONITOR PRO for backup and archival purposes. During this trial period, you may install and use as many copies of CPUID HARDWARE MONITOR PRO as you need for your own,

personal use. After this trial period, you must remove and destroy all copies of CPUID HARDWARE MONITOR PRO you have made.

- b. If you purchased a license of CPUID HARDWARE MONITOR PRO from CPUID, you may make copies of CPUID HARDWARE MONITOR PRO for backup and archival purposes.
- c. You may NOT sell, loan, donate, distribute, reveal or transfer in any way the license that you purchased from CPUID.
- d. You may NOT modify, reverse engineer or disassemble CPUID HARDWARE MONITOR PRO.
- e. You may install CPUID HARDWARE MONITOR PRO on as many PCs as allowed by the license, namely 10 for the standard version and 20 for the extended version.

ALL SALES FINAL

The purchase of CPUID HARDWARE MONITOR PRO is non-refundable and all sales are considered final. The trial period of CPUID HARDWARE MONITOR PRO is available for purposes of determining the suitability of CPUID HARDWARE MONITOR PRO, and so it is assumed that the purchase of CPUID HARDWARE MONITOR PRO was made following a thorough evaluation, and thus, no refunds shall be made. It is the buyer's responsibility use the trial version for its intended purpose of determining suitability. Failure to evaluate CPUID HARDWARE MONITOR PRO prior to purchase does not alter this policy.

COPYRIGHT

CPUID is the sole developer and owner of CPUID HARDWARE MONITOR PRO. You, as user of CPUID HARDWARE MONITOR PRO, acknowledge and agree that CPUID HARDWARE MONITOR PRO is a proprietary product of CPUID under the French and European copyright laws and prevailing copyright laws throughout the world. You further acknowledge and agree that all right, title, and interest in and to CPUID HARDWARE MONITOR PRO, including associated intellectual property rights, are and shall remain with CPUID, and you agree not to contest CPUID's ownership or the validity of CPUID's rights. This License Agreement does not convey to you an interest in or to CPUID HARDWARE MONITOR PRO, but only a limited right to use the work, which is revocable in accordance with the terms of this License Agreement.

You assume responsibility for the selection of this program to achieve your intended results, and for its installation and subsequent use.

SOFTWARE DEFECT REPORTING

If you find software defects in CPUID HARDWARE MONITOR PRO, you should report them to cpuz@cpuid.com. CPUID will evaluate them and, at its sole discretion, may address them in a future revision of CPUID HARDWARE MONITOR PRO.

UPDATES

The CPUID HARDWARE MONITOR PRO updates (including, but not limited to : bug fixes, upgrades, hot fixes, enhancements, modifications, new releases) are provided in the sole discretion of CPUID. If CPUID does provide you with any updates, such updates shall be subject to the terms and conditions of this Agreement (including the License) or such agreement, if any, which accompanies such updates.

▪ RIGHTS OF CPUID

You acknowledge and agree that CPUID HARDWARE MONITOR PRO contains proprietary material of CPUID protected under French and International copyright, trademark, and trade secret laws and conventions. All right, title, and interest in CPUID HARDWARE MONITOR PRO are, and shall remain, with CPUID. This Agreement does not convey to you any title or interest in and to CPUID HARDWARE MONITOR PRO only the limited right of use which may be terminated as provided for herein. You agree to use your best efforts to protect CPUID HARDWARE MONITOR PRO from use, reproduction, or other distribution except as specifically allowed under this Agreement.

▪ TERM

This license is effective until terminated. You may terminate this license at any time by returning all copies of CPUID HARDWARE MONITOR PRO, including merged portions of CPUID HARDWARE MONITOR PRO and all copies of documentation, to CPUID. This license will automatically terminate without notice from CPUID if you fail to comply with any term or condition of this Agreement. You agree upon such termination to destroy all copies of CPUID HARDWARE MONITOR PRO, including all copies of merged portions of the CPUID HARDWARE MONITOR PRO and all copies of documentation.

▪ DISCLAIMER OF WARRANTY

THIS SOFTWARE AND THE ACCOMPANYING FILES ARE PROVIDED "AS IS." CPUID AND ITS SUPPLIERS DO NOT AND CANNOT WARRANT THE PERFORMANCE OR RESULTS YOU MAY OBTAIN BY USING THIS SOFTWARE OR SUCH FILES. CPUID AND ITS SUPPLIERS MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AS TO TITLE OR INFRINGEMENT OF THIRD-PARTY RIGHTS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. The entire risk as to the quality and performance of CPUID HARDWARE MONITOR PRO is with you. Should CPUID HARDWARE MONITOR PRO prove defective, you (and not CPUID or any authorized dealers of CPUID products) assume the entire cost of all necessary servicing, repair, or correction. Some

jurisdictions do not allow the exclusion of implied warranties, so the above exclusion may not apply to you. The foregoing does not affect or prejudice your statutory rights. Good data processing procedure dictates that any program be thoroughly tested with non-critical data before relying on it.

▪ **LIMITATION OF LIABILITY**

IN NO EVENT WILL CPUID BE LIABLE FOR ANY DAMAGES, INCLUDING ANY LOST PROFITS, LOST SAVINGS, OR OTHER INDIRECT, SPECIAL, EXEMPLARY, INCIDENTAL OR CONSEQUENTIAL DAMAGES, CLAIMS OR ACTIONS, ARISING OUT OF THE USE OR INABILITY TO USE CPUID HARDWARE MONITOR PRO, EVEN IF CPUID HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, CLAIMS OR ACTIONS. FURTHER, IN NO EVENT WILL CPUID BE LIABLE FOR ANY CLAIMS BY ANY OTHER PARTY ARISING OUT OF YOUR USE OF CPUID HARDWARE MONITOR PRO. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Nothing contained in this Agreement shall prejudice the statutory rights of any party dealing as a consumer.

▪ **INDEMNIFICATION**

You agree to indemnify, defend, and hold CPUID harmless from and against any claims or lawsuits, including costs and attorneys fees, that arise or result from the use of CPUID HARDWARE MONITOR PRO, provided CPUID gives you prompt written notice of any such claim, tenders to you the defense or settlement of such a claim at your expense and cooperates with you at your expense in defending or settling such claim.

▪ **GOVERNING LAW**

This Agreement shall be governed by and construed in accordance with the laws of France. Any legal proceedings arising under this Agreement shall be instituted only in the courts of France.

The parties opt out of the United Nations Convention on the Sale of Goods and choose the laws of the France to apply to the Agreement and performance hereunder.

▪ SEVERABILITY

Should any term of this Agreement be declared invalid, illegal, void, or not enforceable by any court of competent jurisdiction, such provision shall be severed from this Agreement, and the remaining terms shall remain in full force and effect.

▪ WAIVER

The waiver or failure of either party to exercise or enforce in any respect any of its rights provided for in this Agreement or take action against the other party in the event of a breach of this Agreement shall not be deemed a waiver of any further right under this Agreement by such party or the right to subsequent enforcement of its rights or actions in the event of subsequent or the same breaches by the other party.

▪ TRADEMARKS

The names of companies and products mentioned on the Site or in the Materials may be the trademarks of their respective owners.

▪ COMPLETE AGREEMENT

BY USING THIS SOFTWARE YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, UNDERSTAND IT, AND AGREE TO BE BOUND BY ITS TERMS AND CONDITIONS. YOU FURTHER AGREE THAT THIS AGREEMENT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN YOU AND CPUID REGARDING THE SUBJECT MATTER HEREOF AND SUPERSEDES ANY PROPOSAL OR PRIOR AGREEMENT, ORAL OR WRITTEN, AND ANY OTHER COMMUNICATIONS BETWEEN YOU AND CPUID RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

▪ OPTIONAL SUPPORT SERVICES

At your option and expense, and under a separate agreement, CPUID may provide you with support services related to your use of CPUID HARDWARE MONITOR PRO. Any supplemental software code provided to you as part of the support services shall be considered part of CPUID HARDWARE MONITOR PRO and subject to the terms and conditions of this License Agreement.