Introducing PC Probe II

What is PC Probe II?

PC Probe II is a utility that monitors the computer's vital components, and detects and alerts you of any problem with these components. PC Probe II senses fan rotations, CPU temperature, and system voltages, among others. Because PC Probe II is software-based, you can start monitoring your computer the moment you turn it on. With this utility, you are assured that your computer is always at a healthy operating condition.

Where can I get PC Probe II?

The PC Probe II is available from the support CD that came with your motherboard or system package. Refer to the motherboard/system documentation for details on how to use the support CD.

Is my system qualified for PC Probe II?

Before installing PC Probe II, check if your system meets the following requirements:

- ASUS motherboard with ASUS ACPI interface
- Windows® 2000/XP/XP 64-bit/Vista/Vista 64-bit/2003/2003 64-bit OS

Installing PC Probe II

To install PC Probe II on your computer:

1. Place the support DVD to the optical drive. The **Drivers** installation tab appears if your computer has an enabled Autorun feature.

> If Autorun is not enabled in your computer, browse the contents of the support DVD to locate the setup.exe file from the ASUS PC Probe II folder. Double-click the setup.exe file to start installation.

2. Click the **Utilities** tab, then click **ASUS PC Probe II**.
3. Follow the screen instructions to complete installation.

Launching PC Probe II

You can launch the PC Probe II right after installation or anytime from the Windows® desktop.

To launch the PC Probe II from the Windows® desktop, click **Start > All Programs > ASUS > PC Probe II > PC Probe II v1.xx.xx**. The PC Probe II main window appears.

After launching the application, the PC Probe II icon appears in the Windows® taskbar. Click this icon to close or restore the application.

Using PC Probe II

Main window

The PC Probe II main window allows you to view the current status of your system and change the utility configuration. By default, the main window displays the Preference section. To close or restore the Preference section, click on the triangle on the main window right handle.

Click to close the Preference panel

Button	Function
CONFIG	Opens the Configuration window
	Opens the Report window
DMI	Opens the Desktop Management Interface (DMI) window
PCI	Opens the Peripheral Component Interconnect (PCI) window
WMI	Opens the Windows Management Instrumentation (WMI) window
USAGE	Opens the hard disk drive, memory, and CPU usage window
◁▷	Shows/Hides the Preference section
⊖	Minimizes the application
⊗	Closes the application

Sensor alert

When a system sensor detects a problem, the main window right handle turns red, as the illustrations below show.

When displayed, the monitor panel for that sensor also turns red. Refer to the Monitor panels section for details.

Preference

You can customize the application using the Preference section in the main window. Click the box before each preference to activate or deactivate.
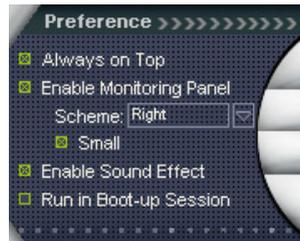
Preference	When checked
Always on top	The utility main window always appear on top of all opened windows.
Enable Monitoring Panel	The utility displays large (hexagonal) or small (rectangular) monitor panels for system sensors. See the next section for details.
Enable Sound Effect	The utility plays a sound everytime you click a button on the interface
Run in Boot up Session	The utility launches automatically everytime the computer starts

Hardware monitor panels

The hardware monitor panels display the current value of a system sensor such as fan rotation, CPU temperature, and voltages.

The hardware monitor panels come in two display modes: hexagonal (large) and rectangular (small). When you check the **Enable Monitoring Panel** option from the **Preference** section, the monitor panels appear on your computer's desktop.

Large display

Small display

Changing the monitor panels position

To change the position of the monitor panels in the desktop, click the arrow down button of the **Scheme** options, then select another position from the list box. Click **OK** when finished.

Moving the monitor panels

All monitor panels move together using a magnetic effect. If you want to detach a monitor panel from the group, click the horseshoe magnet icon. You can now move or reposition the panel independently.

Adjusting the sensor threshold value

To adjust the sensor threshold value in the monitor panel by clicking the or buttons. You can also adjust the threshold values using the **Config** window.

You cannot adjust the sensor threshold values in the small monitoring panel.

Click to increase value

Click to decrease value

Monitoring sensor alert

The monitor panel turns red when a component value exceeds or is lower than the threshold value. Refer to the illustrations below.

Large display

Small display

WMI browser

Click ![WMI] to display the Windows Management Instrumentation (WMI) browser. This browser displays various Windows® management information. Click an item from the left panel to display on the right panel. Click the plus sign (+) before **WMI Information** to display the available information.
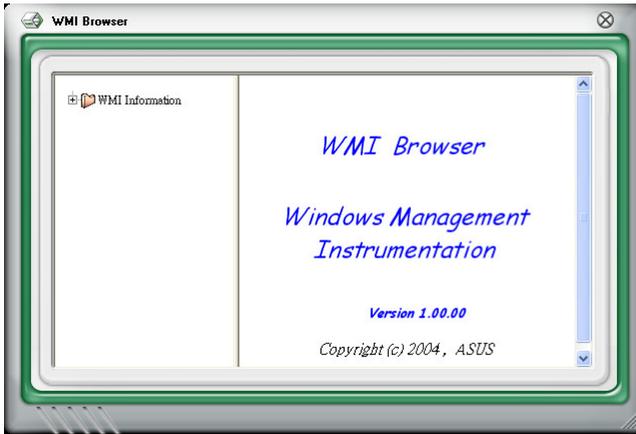
Drag the bottom-right corner of the browser to adjust the browser size.

DMI browser

Click **DMI** to display the Desktop Management Interface (DMI) browser. This browser displays various desktop and system information. Click the plus sign (+) before **DMI Information** to display the available information.
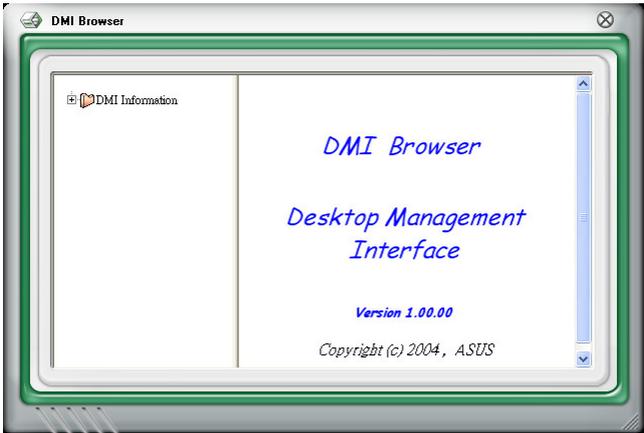
PCI browser

Click **PCI** to display the Peripheral Component Interconnect (PCI) browser. This browser provides information on the PCI devices installed on your system. Click the plus sign (+) before the **PCI Information** item to display available information.
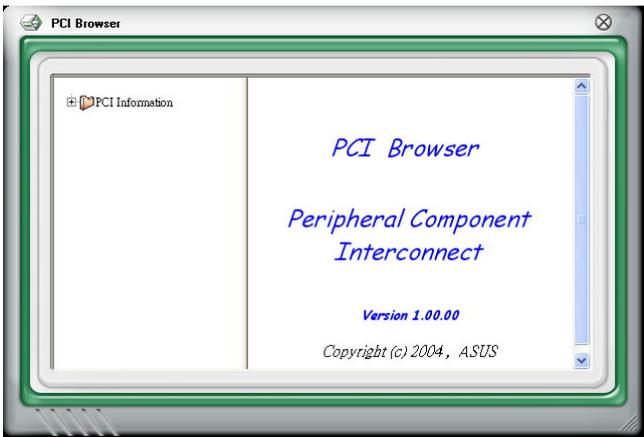
Usage

The **Usage** browser displays real-time information on the CPU, hard disk drive space, and memory usage. Click USAGE to display the Usage browser.

CPU usage

The **CPU** tab displays real-time CPU usage in line graph representation. If the CPU has an enabled Hyper-Threading, two separate line graphs display the operation of the two logical processors.
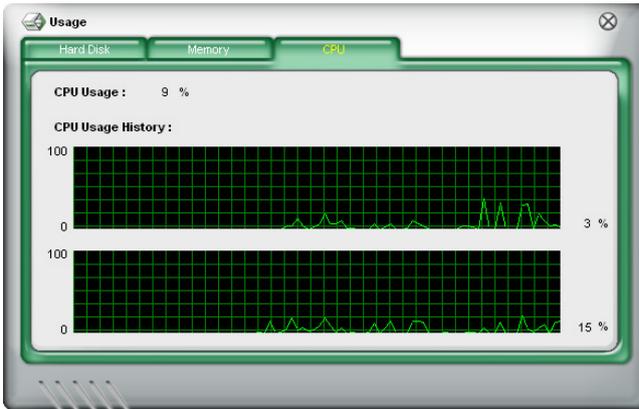
* On Intel® CPUs only

Hard disk drive space usage

The **Hard Disk** tab displays the used and available hard disk drive space. The left panel of the tab lists all logical drives. Click a hard disk drive to display the information on the right panel. The pie chart at the bottom of the window represents the used (blue) and the available HDD space (pink).

Memory usage

The **Memory** tab shows both used and available physical memory. The pie chart at the bottom of the window represents the used (blue) and the available physical memory (pink).
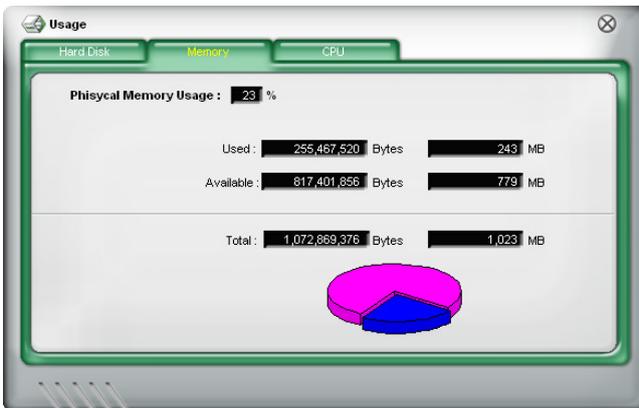
Configuring PC Probe II

Click to view and adjust the sensor threshold values.

The Config window has two tabs: **Sensor/Threshold** and **Preference**. The **Sensor/Threshold** tab enables you to activate the sensors or to adjust the sensor threshold values. The **Preference** tab allows you to customize sensor alerts, or change the temperature scale.

Loads the default threshold values for each sensor

Applies your changes

Cancels or ignores your changes

Loads your saved configuration

Saves your configuration
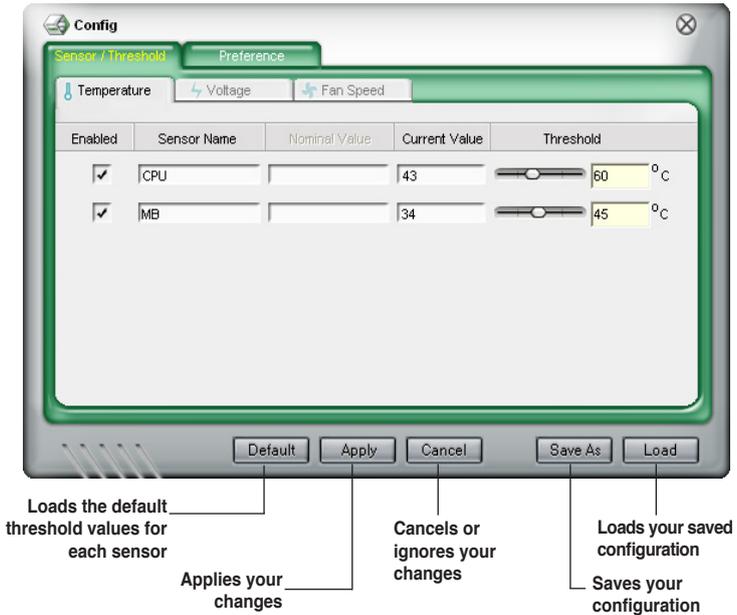
Sensor/Trheshold configuration

The **Sensor/Threshold** tab has three tabs: T**emperature**, **Voltage**, and **Fan Speed**. Click a tab to display the sensors for that group.

Temperature

The **Temperature** tab displays the CPU and motherboard temperature sensors, including the current and threshold values. When the CPU/MB temperature exceeds the threshold temperature, the sensor sends an alert to the user through the monitor panels, a pop-up message, or a sound alert.
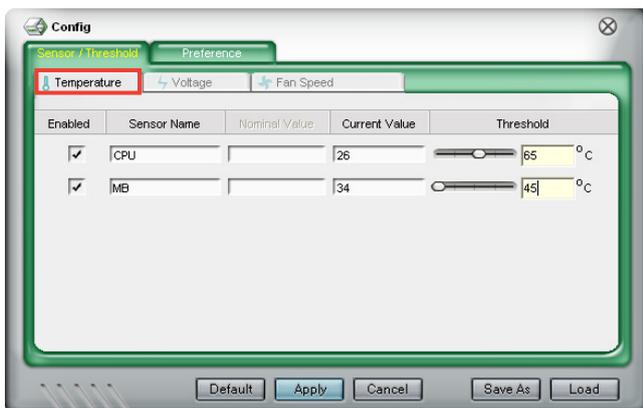
Voltage

The **Voltage** tab displays the system voltages sensors, including the nominal, current and threshold values. When a system voltage is less or more than the threshold percentage, the sensor sends an alert to the user through the monitor panels, a pop-up message, or a sound alert.
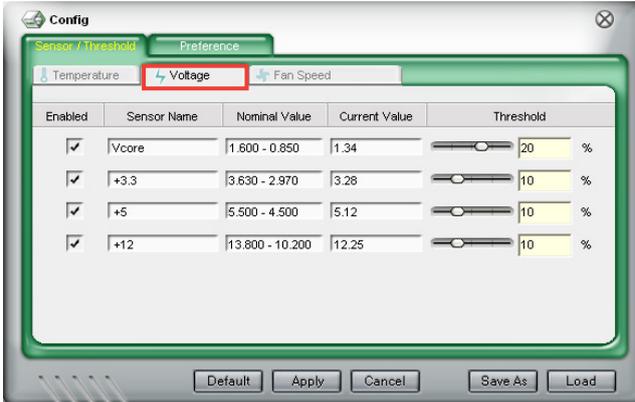
Fan Speed

The **Fan Speed** tab displays the current and threshold rotations (per minute) of the CPU, chasis, and power fans. When a fan rotation is less than the threshold rotation, the sensor sends an alert to the user through the monitor panels, a pop-up message, or a sound alert.
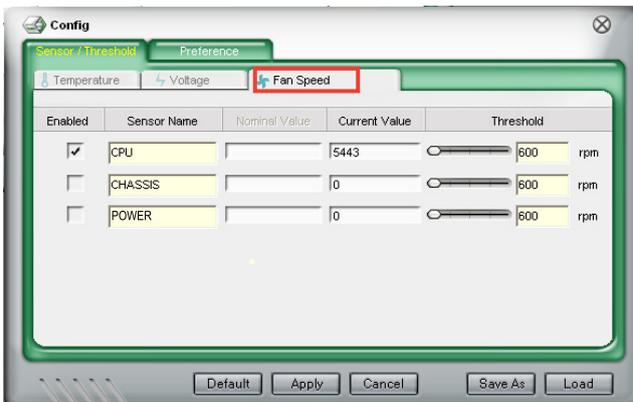
Enabling a sensor

To enable a sensor:

1. Click a sensor tab.

2. Select the check box before the sensor that you want to activate.

3. Click **Apply**.
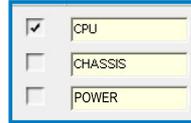
Customizing the sensor name

You can only customize the name of the **Fan Speed** sensors.

To customize a sensor name:

1. Move the cursor to the **Sensor Name** box.

2.   Key in the new sensor name.

3. Click **Apply** to save your changes. Click **Cancel** to disregard your changes.

Adjusting the sensor threshold value

To adjust the sensor threshold value:

1. To adjust the value, do either of the following:

    • Move the slider to the left or right to decrease or increase the value.

    • Using your mouse, highlight the current value, and key in your desired value.

2. Click **Apply** to save your changes. Click **Cancel** to disregard your changes.
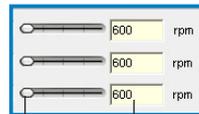
Slider   Key-in the
          value here

Preference

The **Preference** tab of the Config window allows you to set the alert mode, temperature scale, and polling interval. This tab also lets you enable the ASUS motherboard Q-Fan feature.
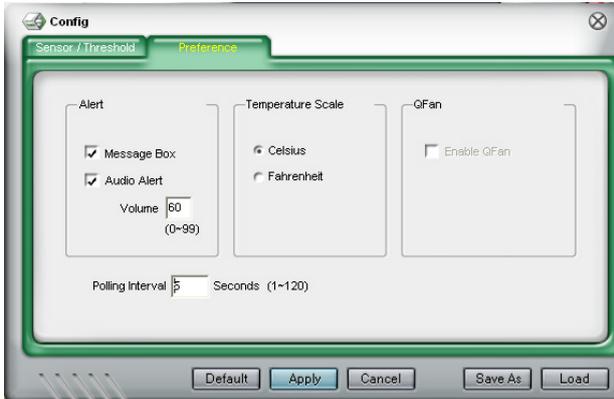
* Not all ASUS motherboards support this feature.

Alert

The **Alert** section lets you select the type of sensor alert. Check the box before an option to activate.

Message Box   A message box appears on the screen when the sensor detects a breach on the threshold value.

Audio Alert   A sound alert is played when the sensor detects a breach on the threshold value. Use the **Volume** box to adjust the sound alert volume.

Temperature Scale

Allows you to convert the temperature scale to degree Celsius (^{o}C) or degree Fahrenheit (^{o}F). The temperature monitor panels automatically converts the value (from ^{o}C to ^{o}F or vice-versa) when you change the temperature scale.

QFan

This section allows you to enable the **Q-Fan** feature and adjust the CPU **Target Temperature**. The Q-Fan feature is automatically activated when the CPU exceeds the specified target temperature.

Polling Interval

The polling interval is the time interval for a sensor to monitor a particular component. The default polling interval is five seconds.

To adjust the polling interval:

1. Move the cursor to the **Polling interval** box.

2. Key in the new polling interval, then click **Apply** to save your changes. Click **Cancel** to ignore.

Always click **Apply** after changing a preference to save your settings.

Viewing reports and alert logs

Click [image] to view the system information and alert logs.

System Information

Displays the system information report including the operating system, BIOS, and PCI information. These information are auto-detected by the utility.
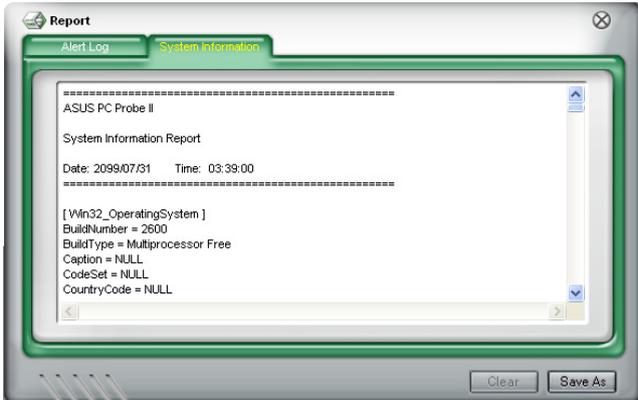
Alert Log

The Alert Log tab displays all normal and critical events detected by the sensors, including the sensor value at the time of the event. Press **Clear** to clear the log.

ASUS PC Probe II