

AI Suite 3 User Guide

200 Series

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Installing AI Suite 3

AI Suite 3 is an all-in-one interface that integrates several ASUS utilities and allows users to launch and operate these utilities simultaneously.



- The options and features of AI Suite 3 vary with models.
- Ensure that you have an Administrator account before installing AI Suite 3 in Windows® 7, windows® 8, Windows® 8.1 or Windows® 10 operating systems.

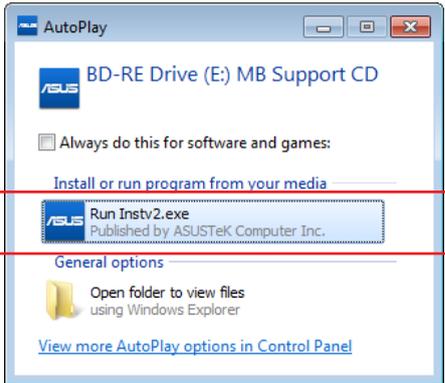
To install AI Suite 3 on your computer:

Windows® 7 OS

1. Place the Support DVD into the optical drive.
2. In the **AutoPlay** dialog box, click or tap **Run ASSETUP.exe** then select the **Utilities** tab.



The main screen of the AI Suite 3 is for reference only and vary with models.



3. From the **Utilities** tab, click or tap **AI Suite 3** then follow the succeeding onscreen instructions.

Windows® 8 and Windows® 8.1 OS

1. Place the Support DVD into the optical drive then follow onscreen instructions.
2. From the **ASUS motherboard support DVD** main menu, select the Utilities tab and click or tap **AI Suite 3**.
3. Follow the succeeding onscreen instructions.

If the **ASUS motherboard support DVD** main menu did not appear, try the following:

- a. Go to the **Start Screen** then click or tap the **Desktop** app.
- b. On the lower left corner of the Desktop, click or tap **File Explorer**  then select your DVD drive and tap or double-click or tap the **Setup** application.

Windows® 10 OS

1. Place the Support DVD into the optical drive then follow onscreen instructions.
2. From the **ASUS motherboard support DVD** main menu, select the Utilities tab and click or tap **AI Suite 3**.

Launching AI Suite 3

Windows® 7 OS

From the Desktop, click or tap **Start > All Programs > ASUS > AI Suite 3**.

You can also launch AI Suite 3 in Windows® 7 by clicking or tapping  on the Notification area.

Windows® 8 and Windows® 8.1 OS

To launch AI Suite 3 in Windows® 8 or Windows® 8.1, tap the AI Suite 3 app on the Start Screen (or if you're using a mouse, click or tap the AI Suite 3 app on the Start Screen).



Windows® 10 OS

From the Desktop, click or tap **Start > All apps > ASUS > AI Suite 3**.



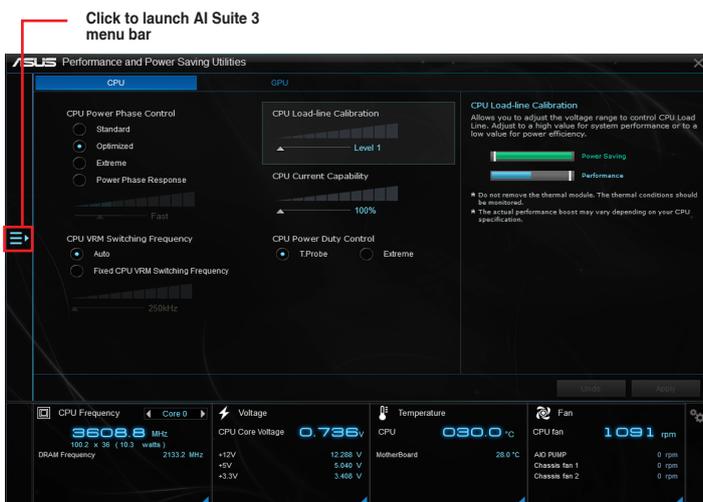
AI Suite 3 Main menu

The AI Suite 3 main menu gives you easy-access controls and insight to what's going on with your computer - allowing you to optimize performance settings while at the same time ensuring system stability.

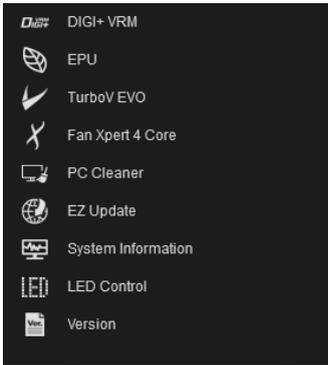
The AI Suite 3 main menu includes a quick-access menu bar that allows you to swiftly launch any of the integrated ASUS utilities. Click  on the left of the menu to launch the menu bar.



The AI Suite 3 screenshots in this manual are for reference only and can vary depending on motherboard model.



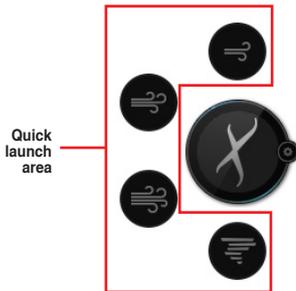
AI Suite 3 main menu bar



- The screenshots of AI Suite 3 in this user manual are for reference only. The actual screenshots vary with models.
- Refer to the software manual in the support DVD or visit the ASUS website at www.asus.com for detailed software configuration.

AI Suite 3 mini-menu

The AI Suite 3 mini-menu appears on the desktop and can be conveniently accessed and moved around. The AI Suite 3 mini-menu allows you to quickly access the important items in the AI Suite 3.



Click to expand the quick launch area or start quick launch



Click to select the available features for AI Suite 3 mini-menu

DIGI+ VRM

ASUS DIGI+ VRM allows you to adjust VRM voltage and frequency modulation to enhance reliability and stability. It also provides the highest power efficiency, generating less heat to longer component lifespan and minimize power loss.

Launching DIGI+ VRM

To launch DIGI+ VRM, click  on the left of the menu to launch the menu bar, then select DIGI+ VRM.



- 1 CPU Power Phase Control**
Increase phase number under heavy system loading to get more transient and better thermal performance. Reduce phase number under light system loading to increase VRM efficiency.
- 2 CPU VRM Switching Frequency**
Changing frequency affects the transient response and component thermal conditions. Higher frequency gets quicker transient response.
- 3 CPU Load-line Calibration**
It allows you to adjust the voltage range to control the CPU Load-line. Adjust to a high value for system performance or to a low value for power efficiency.
- 4 CPU Current Capability**
CPU Current Capability provides wider total power range for overclocking. A higher value brings a wider total power range and extends the overclocking frequency range simultaneously.
- 5 CPU Power Duty Control**
CPU Power Duty Control adjusts the current of every VRM phase and the thermal of every phase component.



- The actual performance boost may vary depending on your CPU specification.
- Do not remove the thermal module. The thermal conditions should be monitored.



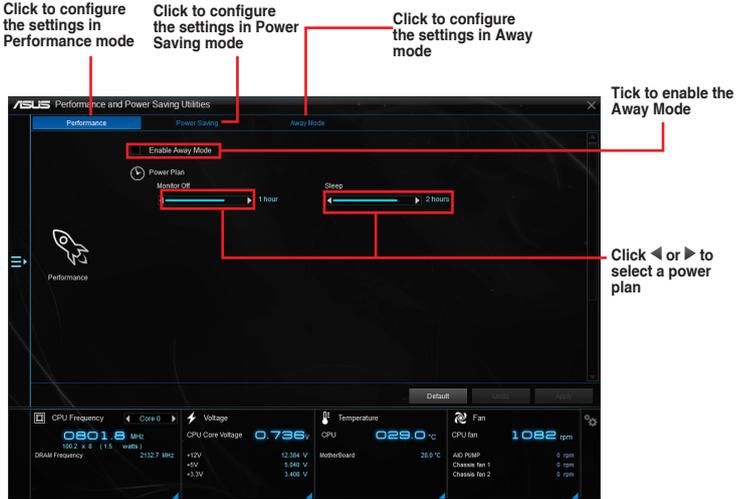
Visit the ASUS website at www.asus.com for detailed software configuration.

EPU

EPU is an energy-saving utility that allows you to adjust the CPU and Fan Control settings to their power-saving conditions.

Launching EPU

To launch EPU, click  on the left of the menu to launch the menu bar, then select **EPU**.



TurboV EVO

ASUS TurboV EVO allows you to manually adjust the CPU frequency, CPU Cache and Core frequencies, and related voltages for an enhanced system stability and boost performance. It also provides the Auto Tuning function that offers automatic and easy overclocking and system level up.

Launching TurboV EVO

To launch TurboV EVO, click  on the left of the menu to launch the menu bar, then select **TurboV EVO**.



Visit the ASUS website at www.asus.com for detailed software configuration.



Refer to the CPU documentation before adjusting CPU voltage settings. Setting a high voltage may damage the CPU permanently, and setting a low voltage may make the system unstable.



For system stability, all changes made in TurboV EVO will not be saved to BIOS settings and will not be kept on the next system boot. Use the Save Profile function to save your customized overclocking settings and manually load the profile after Windows starts.

Using TurboV EVO

CPU Frequency



Click ◀ or ▶ to adjust the BCLK Frequency and Ratio

Click ◀ or ▶ to adjust CPU Core Voltage, CPU VCCIO Voltage, and PCH Core Voltage

Click to save the changes into a profile

Click to load the saved profile

Click ◀ or ▶ to adjust the BCLK Frequency and Ratio

Click ◀ or ▶ to adjust CPU Core Voltage, CPU VCCIO Voltage, and PCH Core Voltage

Click ◀ or ▶ to adjust DRAM Voltage and CPU System Agent

Tick to group tuning

Click to undo all the changes

Click to apply all the changes

Setting	Value
BCLK Frequency	100.0 MHz
Ratio	2000 MHz
CPU Core Voltage	1.050 V (1.050 V)
CPU VCCIO Voltage	1.050 V (1.050 V)
PCH Core Voltage	1.100 V (1.100 V)
DRAM Voltage	1.350 V (1.350 V)
CPU System Agent Voltage	1.050 V (1.050 V)

Auto Tuning



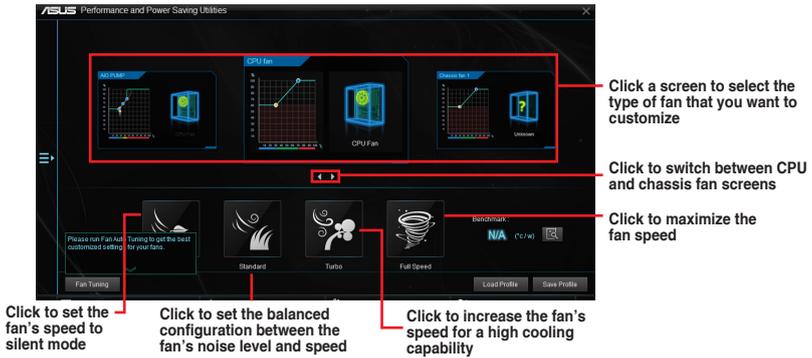
Click to automatically
overclock and
achieve a total
system level up.

Fan Xpert 4 Core

Fan Xpert 4 Core automatically detects and tweaks the fan speeds, and provides you with optimized fan settings based on the fans' specifications and positions.

Launching Fan Xpert 4 Core

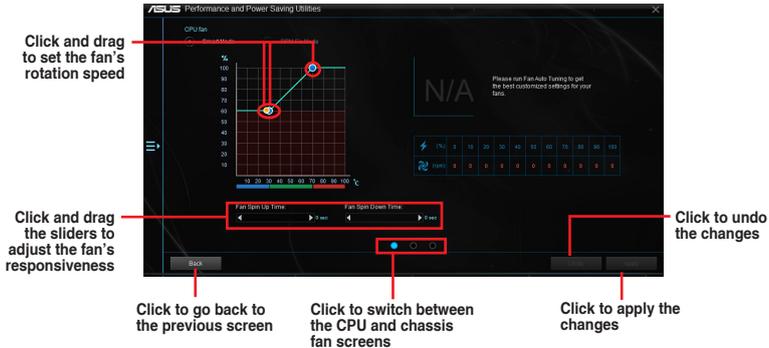
To launch Fan Xpert 4 Core, click  on the left of the menu to launch the menu bar, then select **Fan Xpert 4 Core**.



Customizing the fan settings

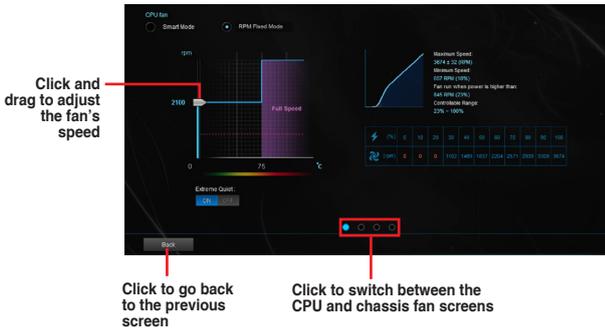
Smart Mode

Smart Mode allows you to customize the fans' rotation speeds and responsiveness based on your system's temperature.



RPM Fixed Mode

RPM Fixed Mode allows you to set the fan speed when the CPU temperature is below 75°C.



- When the CPU temperature reaches 75° C, the fan will automatically run at full speed to protect the CPU.
- FAN Xpert 3 or later version supports the CPU fan auto detection function.
- For motherboard models without the CPU fan detection latch, only 4-pin CPU fans are controllable in Fan Xpert 4 Core.
- The Fan Xpert 4 Core may not be able to detect the fan speed if your fan is installed with an external control kit for rotation speed.
- Fan Xpert 4 Core does not support 2-pin fans. If you install a 2-pin fan, it can only run at its full speed.
- If the CPU or chassis fans have been changed, the Fan Auto Tuning process should be repeated.



DO NOT remove your fan during the Fan Auto Tuning process.

PC Cleaner

PC Cleaner scans your PC and cleans junk files to free up disc space.

Launching PC Cleaner

To launch PC Cleaner, click  on the left of the menu to launch the menu bar, then select PC Cleaner.



Tick to select the files to be scanned

Click to restore to defaults values

Click to scan

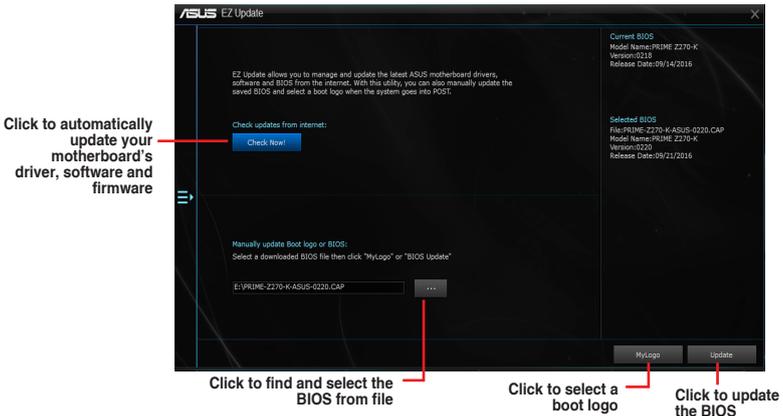
Click to clean the junk files

EZ Update

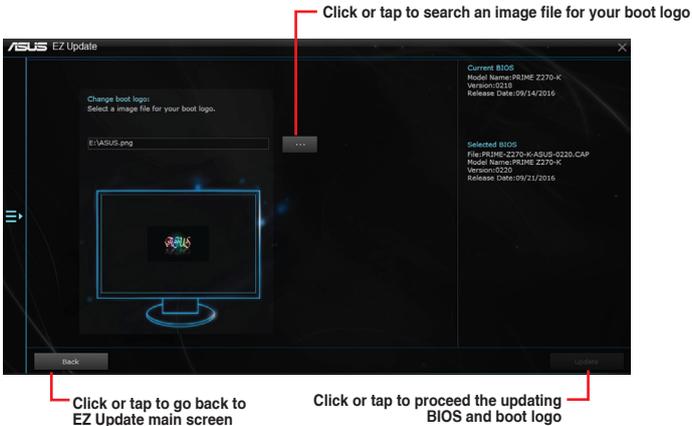
EZ Update is a utility that allows you to automatically update your motherboard's softwares, drivers and the BIOS version easily. With this utility, you can also manually update the saved BIOS and select a boot logo when the system goes into POST.

Launching EZ Update

To launch EZ Update, click  on the left of the AI Suite 3 main menu, then select **EZ Update**.



Manually update the BIOS and selecting a boot logo



After you click or tap **BIOS Update** button, click or tap **Flash** to update the BIOS and upload the boot logo in your system.

System Information

This utility allows you to get the detailed information of the motherboard, CPU, and memory settings.

Launching System Information

To launch System Information, click **MI** on the left of the AI Suite 3 main menu, then select **System Information**.

Viewing the motherboard information

From the System Information screen, click **MB** tab to view the motherboard's information.



Viewing the CPU information

From the System Information screen, click **CPU** tab to view the processor's information.



Viewing the SPD information

From the System Information screen, click **SPD** tab to view the memory's information.



LED Control

This utility allows you to enable or disable Audio LED Control.

Launching LED Control

To launch LED Control, click  on the left of the AI Suite 3 main menu, then select **LED Control**.



Click to turn on / turn off Audio LED Control

Select the LED lighting mode

Click or tap to apply the settings

Version

This utility displays the version information of the utilities integrated in AI Suite 3.

Launching Version

To launch Version, click  on the left of the AI Suite 3 main menu, then select **Version**.

