

AI Suite 3 User Guide

100 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.



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.

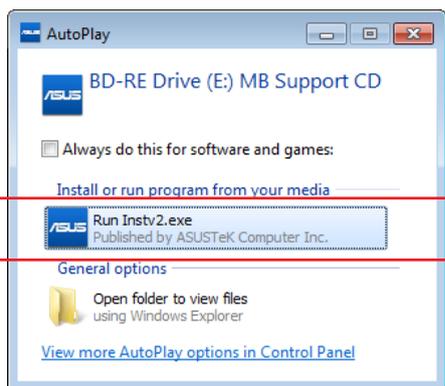
To install AI Suite 3 on your computer:

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 > AI Suite 3**.

You can also launch AI Suite 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**.



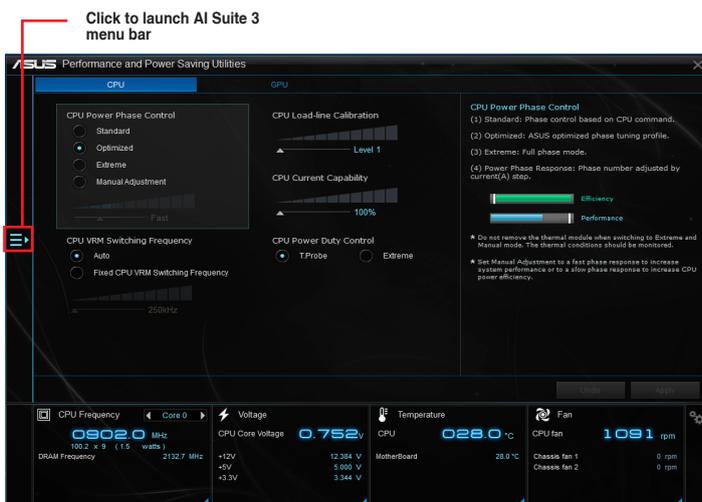
AI Suite 3 Main menu

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.

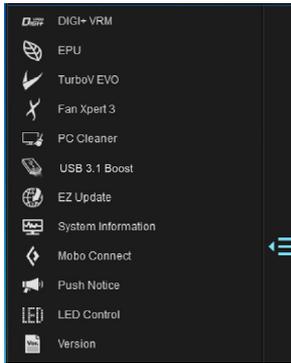
The AI Suite 3 main menu includes a quick-access menu bar that allows you to swiftly launch any of the integrated ASUS utilities. Click  on the left of the menu to launch the menu bar.



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



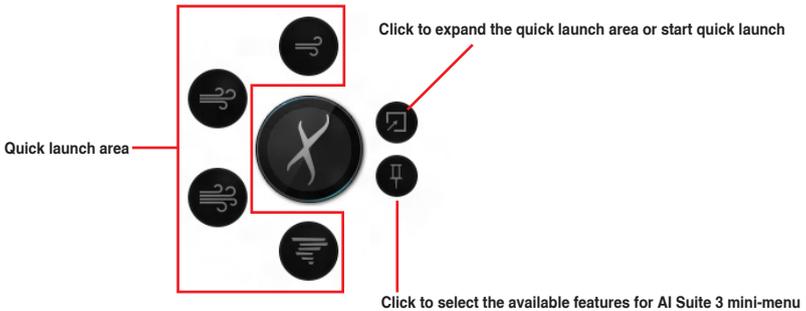
AI Suite 3 main menu bar



- 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.



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 overlocking 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.



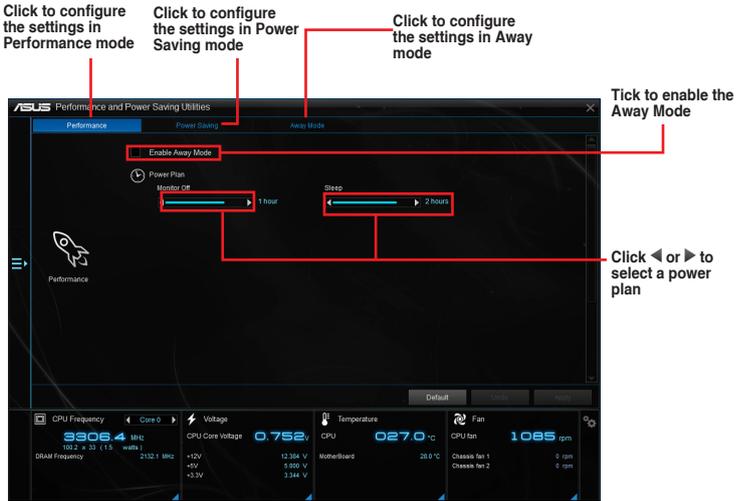
Visit the ASUS website at www.asus.com for detailed software configuration.

EPU

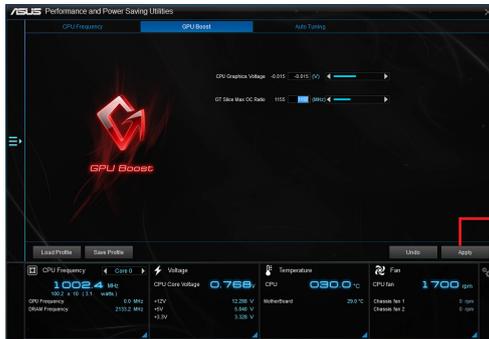
EPU is an energy-saving utility that allows you to adjust the CPU and Fan Control settings to their power-saving conditions.

Launching EPU

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

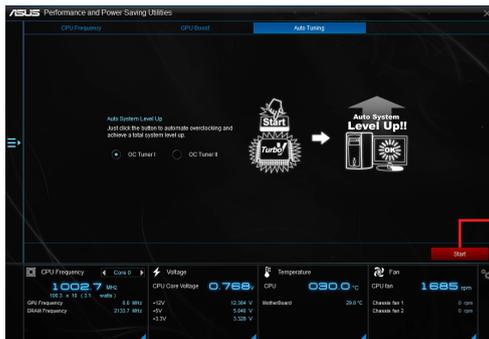


GPU Boost



Click to apply GPU Boost

Auto Tuning



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

Fan Xpert 3

Fan Xpert 3 automatically detects and tweaks the fan speeds, and provides you with optimized fan settings based on the fans' specifications and positions.



Fan Xpert 3 has same features and interface with Fan Xpert 2+ except the CPU DC Mode.

Launching Fan Xpert 3

To launch Fan Xpert 3, click on the left of the menu to launch the menu bar, then select Fan Xpert 3.

Click a screen to select the type of fan that you want to customize

Click to switch between CPU and chassis fan screens

Click to maximize the fan speed

Click to set the fan's speed to silent mode

Click to set the balanced configuration between the fan's noise level and speed

Click to increase the fan's speed for a high cooling capability

Customizing the fan settings

Smart Mode

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

Click and drag to set the fan's rotation speed

Click and drag the sliders to adjust the fan's responsiveness

Click to go back to the previous screen

Click to switch between the CPU and chassis fan screens

Click to apply the changes

Click to undo the changes

RPM Fixed Mode

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

Click and drag to adjust the fan's speed

Click to go back to the previous screen

Click to switch between the CPU and chassis fan screens



- When the CPU temperature reaches 75° C, the fan will automatically run at full speed to protect the CPU.
- For motherboard models without the CPU fan detection latch, only 4-pin CPU fans are controllable in Fan Xpert 3.
- The Fan Xpert 3 may not be able to detect the fan speed if your fan is installed with an external control kit for rotation speed.
- Fan Xpert 3 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

USB 3.1 Boost

USB 3.1 Boost technology supports USB 3.1 that automatically speeds up the transfer rates of your USB storage devices.



USB 3.1 Boost and USB 3.0 Boost have same features and interface.

Launching USB 3.1 Boost

To launch USB 3.1 Boost, click  on the left of the AI Suite 3 main menu, then select **USB 3.1 Boost**.

Using the USB 3.1 Boost



Click to select a USB device

Click to enable the USB device's normal data transfer rate

Click to enable Turbo Mode for a faster data transfer rate



Ensure to connect your USB 3.1 devices to the USB 3.1 ports that support USB 3.1 Boost.



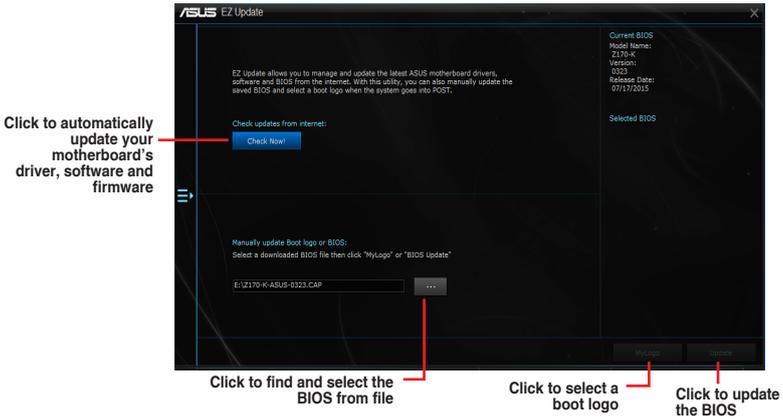
- USB 3.1 Boost automatically detects the USB 3.1 devices.
- The data transfer speed varies with USB devices. For a higher data transfer performance, use a USB 3.1 device.

EZ Update

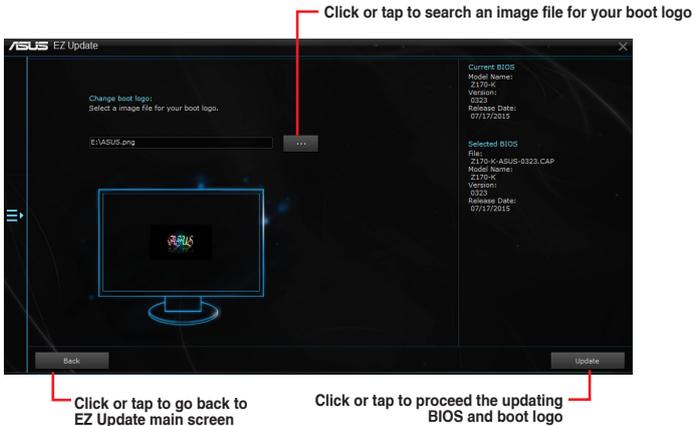
EZ Update is a utility that allows you to automatically update your motherboard's softwares, drivers and the BIOS version easily. With this utility, you can also manually update the saved BIOS and select a boot logo when the system goes into POST.

Launching EZ Update

To launch EZ Update, click **E** 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

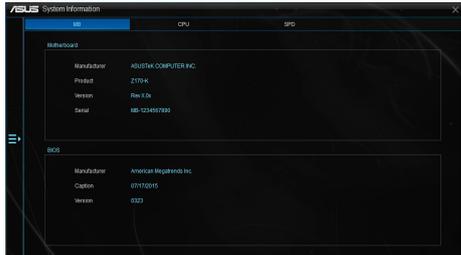
This utility allows you to get the detailed information of the motherboard, CPU, and memory settings.

Launching System Information

To launch System Information, click **≡** 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.



Mobo Connect

This utility allows you to share PC's keyboard/mouse for the smart device, or stream audio playback from the smart device to PC.

Launching Mobo Connect

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



The file synchronizing function will be disabled when the Keyboard/Mouse sharing or Audio Mode is enabled.

The screenshot shows the ASUS Mobo Connect application window. It features two main sections: 'Keyboard/Mouse sharing' and 'Audio Mode'. Each section has a 'Hotkey' dropdown menu (set to 'Ctrl + 0') and a 'Device' dropdown menu (set to 'Please select d...'). Below these sections are playback controls and an 'Apply' button. At the bottom of the window, system monitoring data is visible, including CPU Frequency (0.8976 GHz), Voltage (0.736 V), Temperature (30.0°C), and Fan speed (1307 rpm).

Annotations with red arrows point to the following elements:

- Hotkey dropdown in Keyboard/Mouse sharing: Click ▼ to select keys combination for hotkey
- Device dropdown in Keyboard/Mouse sharing: Click ▼ to select a device
- Hotkey dropdown in Audio Mode: Click ▼ to select keys combination for hotkey
- Device dropdown in Audio Mode: Click ▼ to select a device
- Apply button: Click or tap to apply the settings
- Audio Mode section: * The Audio Mode appears under Windows® 8, Windows® 8.1 and Windows® 10 only

Push Notice

This utility allows you get the detailed status of your system to your smart device. You can also send messages to your smart device using this utility.

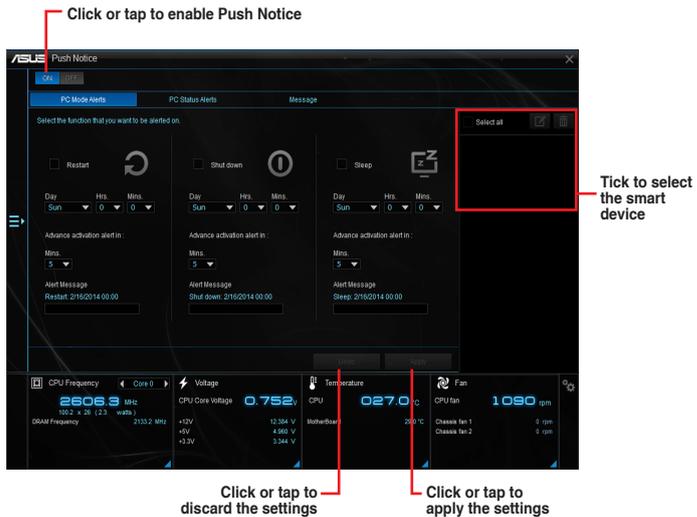


Before using this utility, ensure that you pair your computer with your smart device. For pairing information, refer to section **Pairing your computer and smart device**.

Launching Push Notice on your computer

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

Push Notice screen



The screenshot shows the ASUS Push Notice utility window. It has three tabs: "PC Mode Alerts", "PC Status Alerts", and "Message". The "PC Mode Alerts" tab is active, showing settings for Restart, Shut down, and Sleep. Each alert type has a checkbox, a "Select at" dropdown menu, and a "Message" field. A red box highlights the "Select at" dropdown for the Sleep alert, with an annotation: "Click or tap to enable Push Notice" pointing to the top of the window and "Tick to select the smart device" pointing to the dropdown. At the bottom, there are two buttons: "Click or tap to discard the settings" and "Click or tap to apply the settings". The bottom status bar shows system metrics like CPU Frequency (2606.3 MHz), Voltage (0.752 V), Temperature (027.0 C), and CPU Fan (1080 rpm).

Pairing your computer and smart device

To pair your computer and smart device:

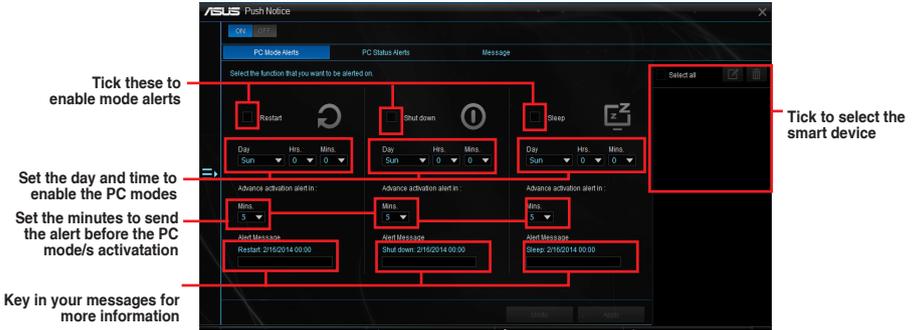
1. On your smart device, tap  to launch Push Notice.
2. Tap **Push Scan** then tap the name of your computer that you want to pair with.



To pair your computer and smart device, ensure that both are connected to the same wireless network.

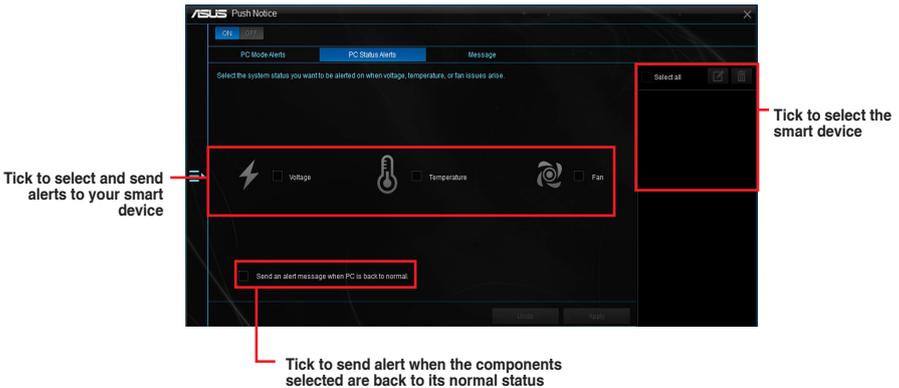
Setting up PC Mode alerts of your computer

This feature allows you to restart, shut down, or put your computer to sleep mode and sends an alert to your smart device.



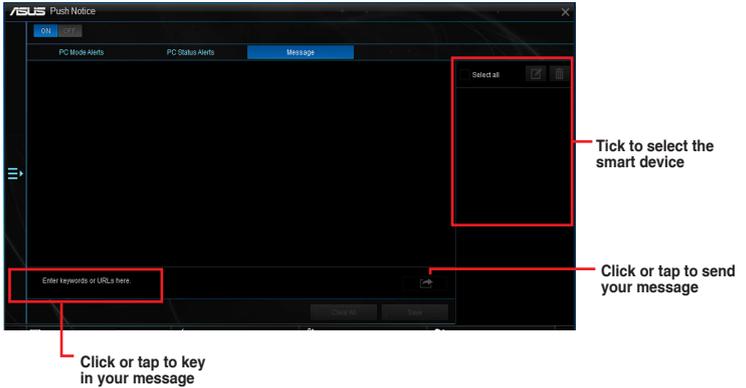
Setting up PC Status alerts

This feature allows you to send alerts of the unusual activities of the voltage, temperature, and fan settings of your computer to your smart device.



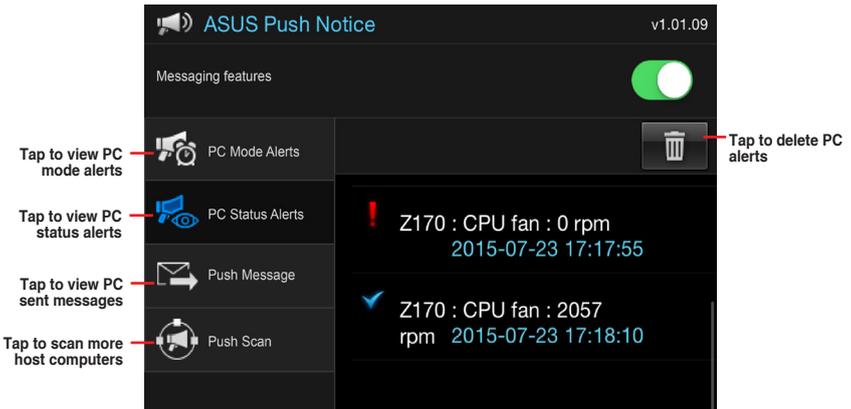
Sending messages to your smart device

This feature allows you to send messages to your smart device.



Viewing your computer status on your smart device

Tap  on your smart device to launch Push Notice.



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**.

