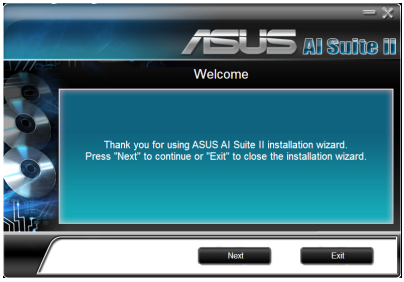
AI Suite II for FM2 platform User Manual

Installing AI Suite II

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

To install AI Suite II on your computer:

1. Place the support DVD to the optical drive. The Drivers installation tab appears if your computer has enabled the Autorun feature.
2. Click **Utilities** tab **> AI Suite II**.
3. The AI Suite II Installation Wizard will launch. Click **Next** to continue.



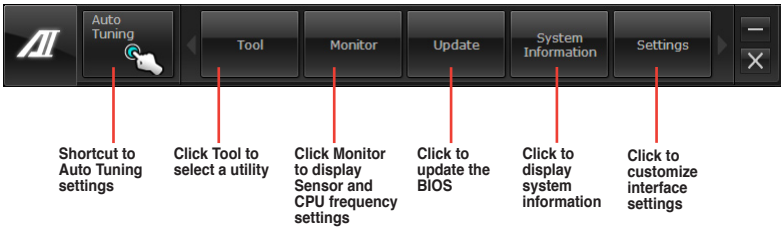
4. Click **Select all** to install all available ASUS utilities or uncheck items you do not want to install. To change the installation directory, click **Browse** and select a different folder.

5. Once installation is complete, click **Finished**. The system will prompt you to reboot your computer to complete the process.

Using AI Suite II

AI Suite II automatically starts when you boot into Windows®. The AI Suite II icon appears on the System Tray. Click the icon to open the AI Suite II main menu bar.

Click each button on the menu bar to select and launch a utility, to monitor the system, to update the motherboard BIOS, to display system information, and to customize the settings of AI Suite II.



- The applications in the **Tool** menu vary with models in each feature.
- The **Auto Tuning** button appears only on models with the TurboV EVO function.
- The screeshots of AI Suite II 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.

Auto Tuning

Clicking Auto Tuning on the AI Suite menu bar displays the option to configure CPU Power settings or DRAM Power settings.

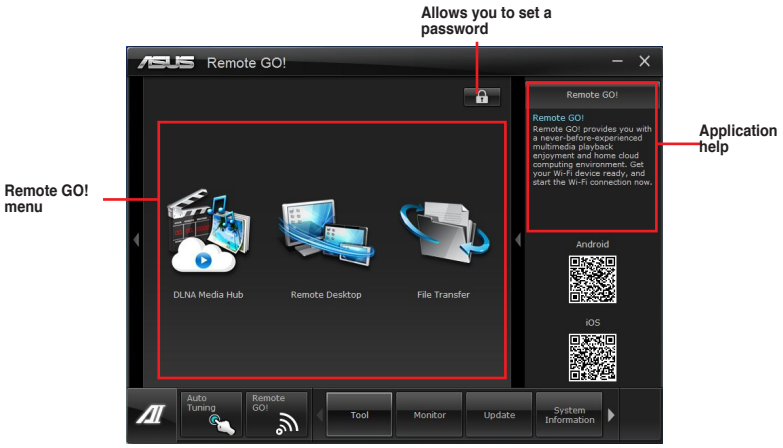
Remote GO!

Connect your computer to a wireless network and use Remote GO! to wirelessly stream media files to DLNA devices. It allows you to remotely control and access your computer using your mobile device, and easily transfer files between your computer and mobile device.

- Remote GO! is supported on Windows® 7 and later operating systems.
- All devices using the Remote GO! functions must be on the same network.

Using Remote GO!

To launch Remote GO!, click **Tool > Remote GO!** on the AI Suite II menu bar.



Remote GO! functions

- **DLNA Media Hub:** Provides support to the latest DLNA standard, and allows you to stream media files to a DLNA-supported device.
- **Remote Desktop:** Allows you to view your computer's desktop and remotely operate your computer in real-time from your mobile device.
- **File Transfer:** Allows you to transfer files between your computer and mobile device.

Launch Wi-Fi GO! Remote on your mobile device to use Wi-Fi GO! Remote control functions. For more details, refer to next section Wi-Fi GO! Remote.

Wi-Fi GO! Remote

Install the Wi-Fi GO! Remote application on your mobile device to use Remote GO!'s remote control functions.

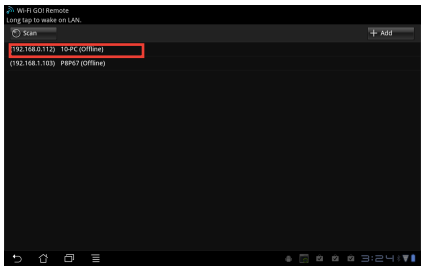
- Wi-Fi GO! Remote supports iOS 4.0/Android 2.3 mobile devices or later versions.
- For iOS devices, download the Wi-Fi GO! Remote from iTunes store. For Android devices, download the Wi-Fi GO! Remote from Google Play Store or from the ASUS support DVD.

Launching Wi-Fi GO! Remote

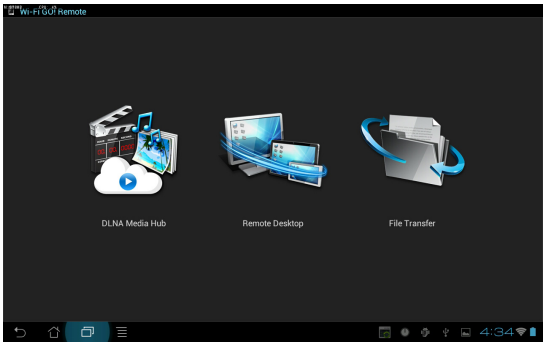
1. Turn on your mobile device's wireless connection. Your mobile device must be within the same network as your computer.

2. On your mobile device, tap and tap Enter on the Wi-Fi GO! Remote page.

4. Tap the computer you want to connect to using your mobile device.



Wi-Fi GO! Remote menu



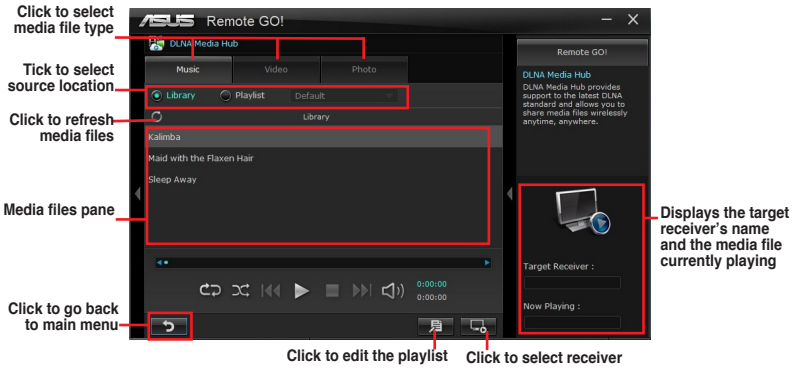
The Wi-Fi GO! Remote's user interface shown above is for reference only and may vary with the mobile device's operating system.

Below are the supported screen resolution of your mobile devices:

Screen type	Low Density (120, ldpi)	Medium Density (160, mdpi)	High Density (240, hdpi)	Extra high density (320, xhdpi)
Small creen	QVGA (240 x 320)		480 x 640	
Normal screen	WQVGA400 (240 x 400) WQVGA432 (240 x 432)	HVGA (320 x 480)	WVGA800 (480 x 800) WVGA854 (480 x 854) 600 x 1024	640 x 960
Large screen	WVGA800 (480 x 800) WVGA854 (480 x 854)	WVGA800 (480 x 800) WVGA854 (480 x 854) 600 x 1024		
Extra large screen	1024 x 600	WXGA (1280 x 800) 1024 x 768 1280 x 768	1536 x 1152 1920 x 1152 1920 x 1200	2048 x 1536 2560 x 1536 2560 x 1600

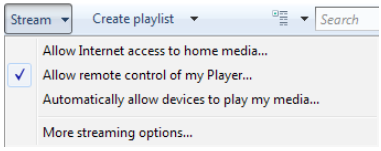
DLNA Media Hub

DLNA Media Hub allows you to stream your multimedia files to your DLNA-supported device and remotely control playback using your mobile device or your computer.

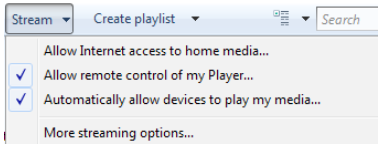


Using the DLNA Media Hub

1. From the main screen, click **DLNA Media Hub**.
2. Click  to select a device as your receiver.
   - When using your DLNA display (such as DLNA TV) as the receiver, ensure that DLNA function is enabled.
   - When using another computer as the receiver, launch **Windows Media Player**, click **Stream > Allow remote control of my Player** to remotely control media playback.



   - When using the computer as sender and receiver, launch **Windows Media Player**, click **Stream > Allow remote control of my Player** and **Automatically allow devices to play my media**.



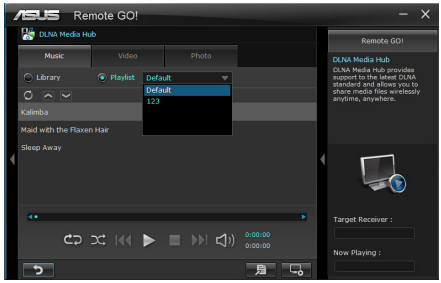
- DLNA Media Hub is supported on computers running Windows® 7 or later operating systems.
- Keep Windows Media Player open. Ensure that your media file formats supported on Windows Media Player and DLNA playback devices.

3. Click any of the tabs to select your preferred media file type.

To play music:

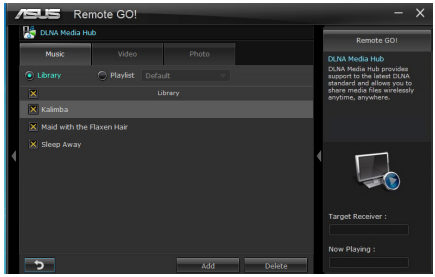
1. Click the **Music** tab.
2. Tick **Library** to view or play files.

   Tick **Playlist** and select an existing playlist from the dropdown list.
3. Click a music file, and click ▶.



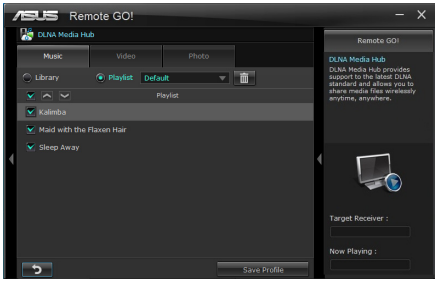
To edit the library:

1. Tick **Library**.
2. Click to add or delete music files.
3. Click **Add** and locate the file from the directory. To delete, tick the selected file and click **Delete**.
4. Click **OK**.



To edit the music playlist:

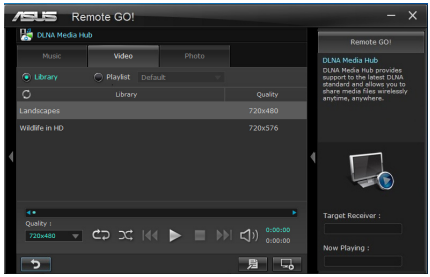
1. Tick **Playlist**.
2. Click .
3. Tick to select or deselect the music file and click **Save Profile**.
4. Select the profile name and click **Save**. To add as a new playlist, key in your profile name and click **Save**.
5. To delete playlist, select the profile and click .



To play a video file:

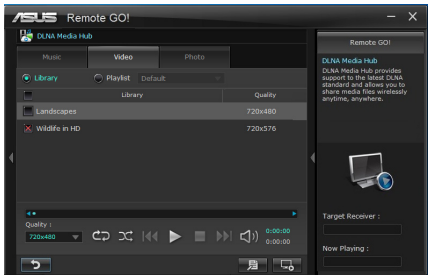
1. Click the **Video** tab.
2. Tick **Library** to view the video files from your local computer. Tick **Playlist** to view the video files saved in your profile.
3. Click the video file you want to watch, and click ▶.

   Change the resolution from the **Quality** dropdown list.



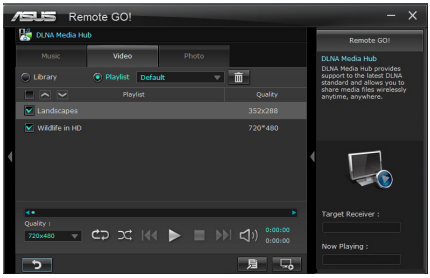
To edit the video library:

1. Tick **Library**.
2. Click  to add or delete video files.
3. Click **Add** and locate the file from the directory. To delete, tick the selected file and click **Delete**.
4. Click **OK**.



To edit the video playlist:

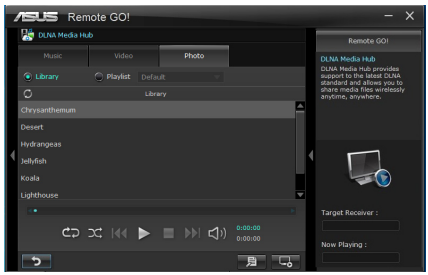
1. Tick **Playlist**.
2. Click  .
3. Tick to select or deselect the video file and click **Save Profile**.
4. Select the profile name and click **Save**. To add as a new playlist, key in your profile name and click **Save**.
5. To delete playlist, select the profile and click  .



To view images:

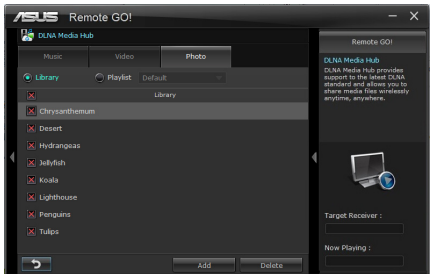
1. Click the **Photo** tab.
2. Tick **Library** to view the image files from your local computer. Tick **Playlist** to view the image files saved in your profile.

   An image slideshow plays when pressing ▶.



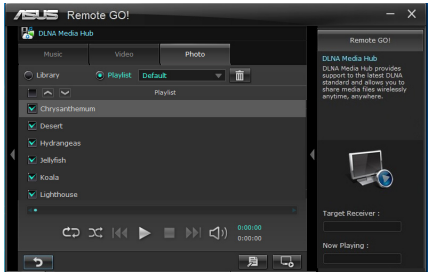
To edit the image library:

1. Tick **Library**.
2. Click 🗀 to add or delete image files.
3. Click **Add** and locate the file from the directory. To delete, tick the selected file and click **Delete**.
4. Click **OK**.



To edit the image playlist:

1. Tick **Playlist**.
2. Click 🗀.
3. Tick to select or deselect the image file and click **Save Profile**.
4. Select the profile name and click **Save**. To add as a new playlist, key in your profile name and click **Save**.
5. To delete playlist, select the profile and click 🗑.



Using the DLNA Media Hub via Wi-Fi GO! Remote

You can access the DLNA Media Hub on your mobile device via Wi-Fi GO! Remote.

1. Tap **DLNA Media Hub**.
2. Select and tap the receiver name.

3. The mobile device shows the information of the DLNA Media Hub function. Tap **Enter** to proceed to the Remote GO! function.
4. Tap **Music**, **Video** or **Photo,** to play.

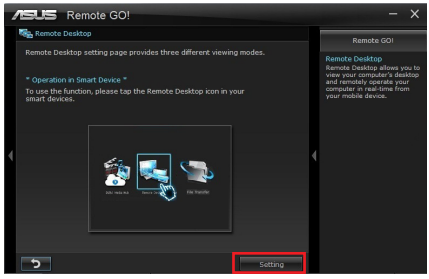
Your mobile device's WI-FI GO! Remote interface may vary with the mobile device's operating system.

Remote Desktop

Remote Desktop allows you to view your computer's desktop and remotely operate your computer in real-time from your mobile device.

Using the Remote Desktop

1. From the main screen, click **Remote Desktop**.
2. Click **Setting**.



3. Select a suitable codec **Auto**, **Speed optimization**, or **Image optimization** for your mobile device.

4. Click **Apply**.

Using the Remote Desktop via Wi-Fi GO! Remote

When the **Remote Desktop** is enabled, the mobile device shows the contents of your desktop.

The Wi-Fi GO! Remote's user interface shown above is for reference only and may vary with the mobile device's operating system.

File Transfer

Allows you to transfer files wirelessly between your computer and mobile device.

Before using File Transfer, ensure that your computer is connected to your mobile device. For more details, refer to the section **Wi-Fi GO! Remote**.

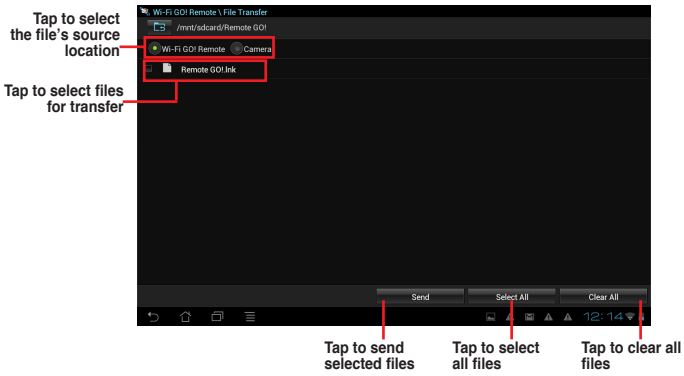
- Android mobile devices can send and receive files.
- iOS mobile devices can only send files.

Using File Transfer

1. Right-click the file and click **Send to > [Device name]**.
2. After the transfer is complete, click **OK.**

Using File Transfer via Wi-Fi GO! Remote

1. On your mobile device, tap **File Transfer**.
2. Tap **Enable** to receive files from PC.
3. Tap **Enter** to send files to PC.



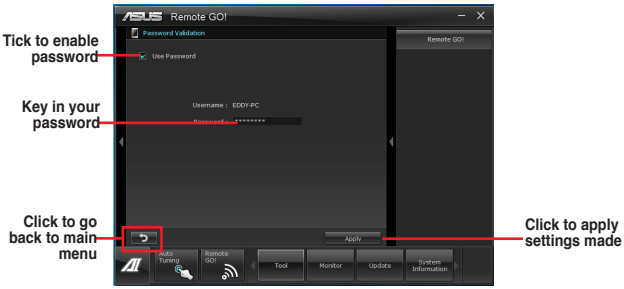
The Wi-Fi GO! Remote's user interface shown above is for reference only and may vary with the mobile device's operating system.

Securing your computer for Wi-Fi GO! Remote functions

Remote GO! Settings allows you to create a password for your computer.

To create a password:

1. Click  in the main menu.
2. Tick **Use Password** and key in your password.
3. Click **Apply**.



- When you launch the Wi-Fi GO! Remote, the application prompts you to key in the computer's password.
- Your password must contain 6-12 letters or numbers.

DIGI+ Power Control

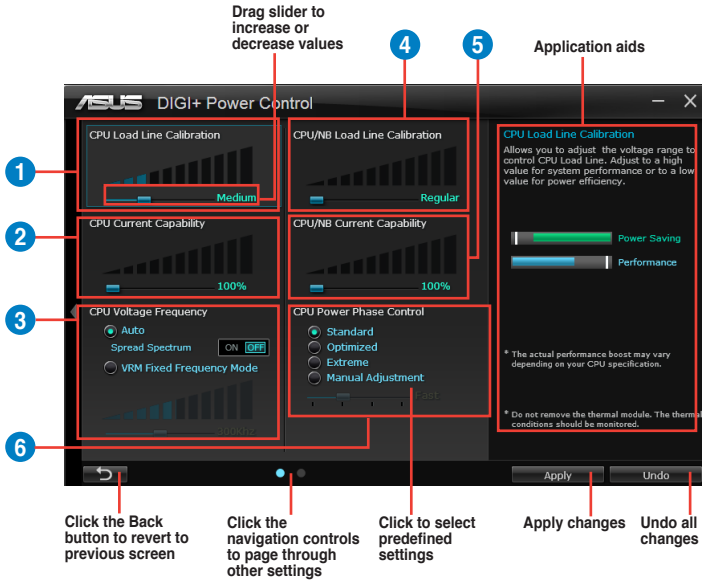
ASUS DIGI+ Power Control allows you to adjust CPU and DRAM voltage to enhance reliability and stability. It also provides excellent power management, reducing heat and power loss while prolonging component lifespan.

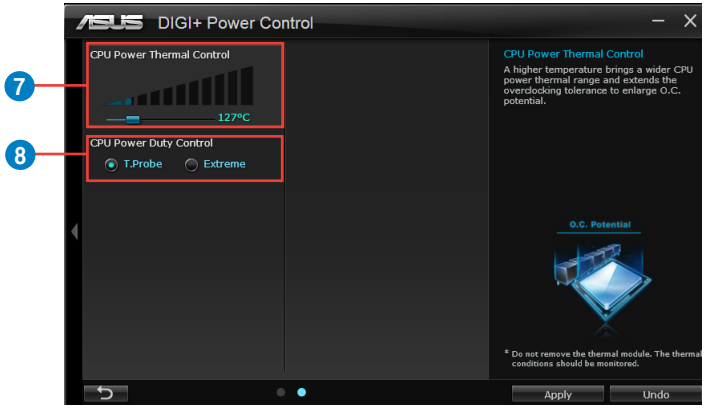
To launch DIGI+ Power Control, click **Tool** > **DIGI+ Power Control** on the AI Suite II main menu bar.

Smart DIGI+

Items	Function description
1	**Smart DIGI+ Key** Quickly delivers a higher VRM frequency, voltage, and current for superior APU/DRAM overclocking performance with one switch.
2	**OC Now!** Adjusts the APU Multiplier in TurboV EVO.
3	**Default** Sets your APU/DRAM power to default settings.

CPU Power





DRAM Power

Items	Function description
1	**CPU Load-line Calibration** This setting allows you to adjust voltage range to control CPU Load Line. Set to a high value for system performance or to a low value for power efficiency.
2	**CPU Current Capability** A higher value provides a wider total power range while extending the overclocking frequency range.
3	**CPU Voltage Frequency** This setting allows you to enable Spread Spectrum to enhance system stability.
4	**CPU/NB Load Line Calibration** CPU/NB Load-line controls the behavior of the DRAM controller. Set to a high value for better system performance or to lower value for a better thermal solution.
5	**CPU/NB Current Capability** A higher value brings a wider DRAM controller power range while also extending the overclocking frequency range.
6	**CPU Power Phase Control** Increase phase values under heavy system loading to temporarily increase performance and improve thermal performance. Reduce phase values under light system loading to increase VRM efficiency.

Items	Function description
7	**CPU Power Thermal Control** A higher temperature brings a wider CPU power thermal range, while increasing overclocking tolerance and overclocking potential.
8	**CPU Power Duty Control** CPU Power Duty Control adjusts the current of every VRM phase and the thermal conditions of every phase component.
9	**DRAM Current Capability** A higher value provides a wider total power range while extending the overclocking frequency range.
10	**DRAM Fixed Frequency Mode** Allows you to adjust the DRAM switching frequency for system stability or to increase overclocking range.
11	**DRAM Power Phase Control** Select **Extreme** for full phase mode to increase system performance. Select **Optimized** for ASUS' optimized phase tuning profile to increase DRAM power efficiency.

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

Refer to the software manual in the support DVD or visit the ASUS website at www.asus.com for detailed software configuration.

FAN Xpert 2

FAN Xpert 2 automatically detects and tweaks all fan speeds, and provides you with optimized fan settings based on position and fan specifications.

Launching FAN Xpert 2

To launch FAN Xpert 2, click **Tool** > **FAN Xpert 2** from the AI Suite menu bar.

Using FAN Xpert 2 Auto Tuning

FAN Xpert 2's **Fan Auto Tuning** feature automatically detects the fans and their locations to provide you with optimized fan settings.

To use Fan Auto Tuning:

1. Click **Fan Auto Tuning** on the FAN Xpert 2 main menu.

2. Wait for the **Fan Auto Tuning Process** to complete, then click **Next**.

3. From the **Fan Position** screen, check and assign the locations of your fans, then click **OK** to exit the screen.

Repeat the Fan Auto Tuning process if a new CPU has been installed or chassis fans have been added to the system.

4. Select from the following presets:

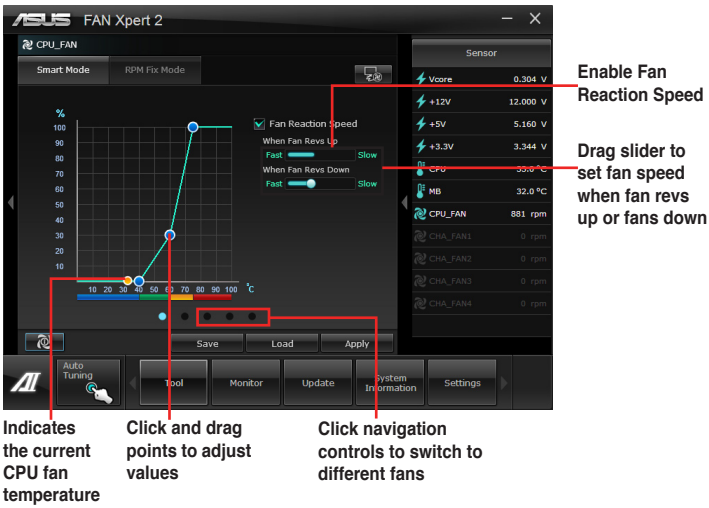
- **Silent:** Minimized fan speed to reduce fan noise.
- **Standard:** Balanced configuration between noise level and fan speed.
- **Turbo:** High fan speed for high cooling capability.
- **Full Speed:** Maximum fan speed.

Advanced Mode

Click FAN Xpert 2's Advanced Mode button to access settings for reaction speed and fan RPM.

Smart Mode

Smart Mode allows you to adjust the reaction speed for fan rotation based on the system's temperature.



RPM Fixed Mode

The RPM Fixed Mode tab allows you to set your fan speed when CPU temperature is below 75 degrees.

Click to edit fan name

Click and drag to adjust fan RPM

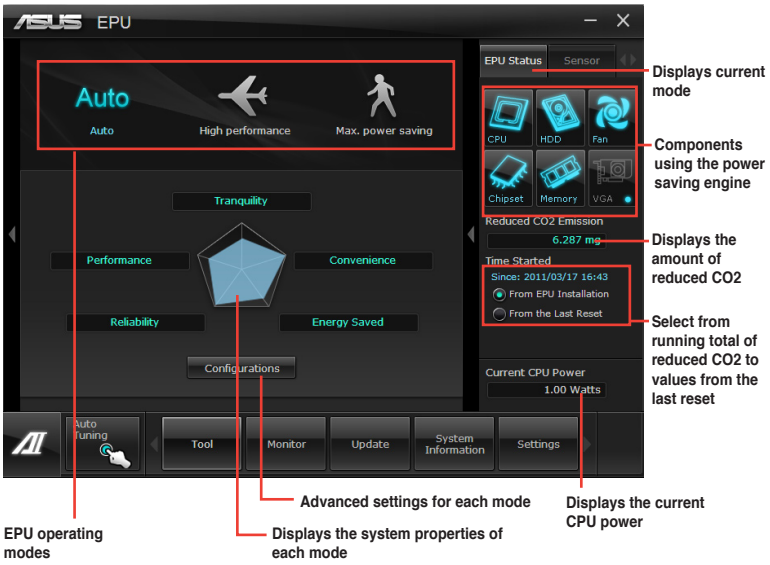
- To protect your CPU, the fan will not automatically turn off even if you set the CPU fan power to 0.
- Only 4-pin CPU fans and 4-pin and 3-pin chassis fans are compatible with FAN Xpert 2.
- FAN Xpert 2 may not be able to detect your fan speed if your fan has an external control kit for rotation speed.
- 2-pin fans are only allowed to run at full speed.

EPU

EPU is an energy-efficient tool that satisfies different computing needs. This utility provides several modes that you can select to save system power. Selecting Auto mode will have the system shift modes automatically to adapt to the system's current status. You can also customize each mode by configuring settings like CPU frequency, GPU frequency, vCore Voltage, and Fan Control.

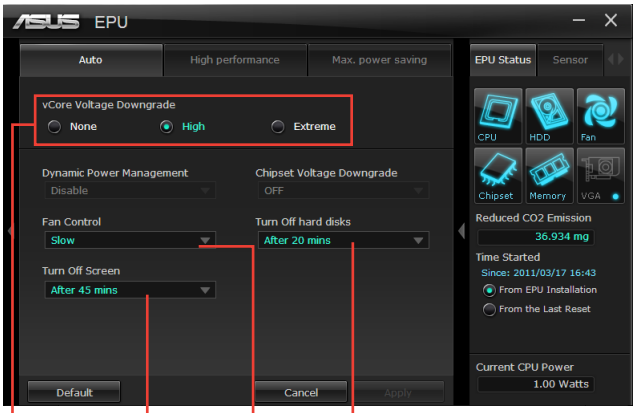
Launching EPU

After installing AI Suite II from the motherboard support DVD, launch EPU by clicking **Tool > EPU** on the AI Suite II main menu bar.



- Select **From EPU Installation** to show the total CO2 emissions that have been reduced since you installed EPU.
- Select **From the Last Reset** to show the total CO2 that has been reduced since you clicked the Clear button [Clear]
- Refer to the software manual in the support DVD or visit the ASUS website at www.asus.com for detailed software configuration.

Auto configuration



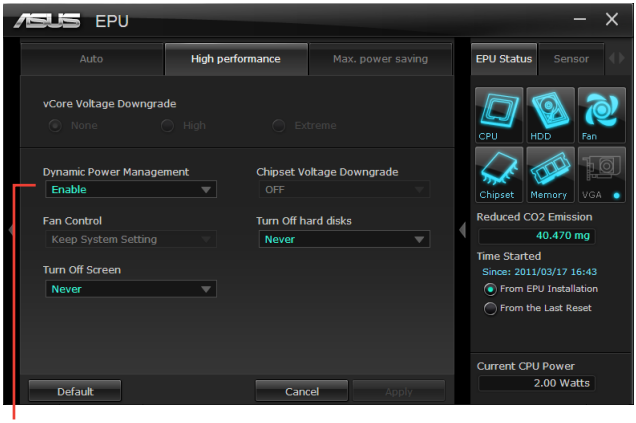
vCore Downgrade level

Time before screen turns off

Fan control speed

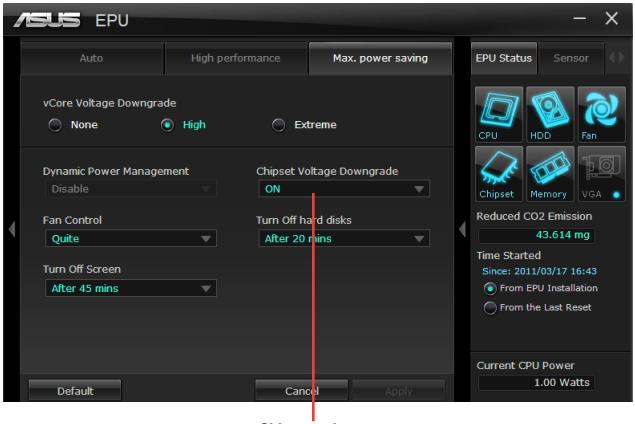
Time before the hard disk turns off

High performance configuration



Enable/disable power management

Max. power saving configuration



Chipset voltage downgrade

TurboV EVO

ASUS **TurboV EVO** allows you to immediately adjust the CPU frequency and voltage manually or automatically through an Auto Tuning process from within Windows.

To launch TurboV EVO, click **Tool > TurboV EVO** on the AI Suite II main menu bar.

Refer to the software manual in the support DVD or visit the ASUS website at www.asus.com for detailed software configuration.

Auto Tuning

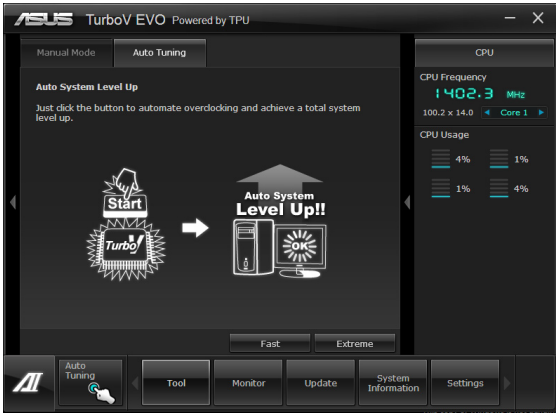
The Auto System Level Up feature in the Auto Tuning tab automates the overlocking process for you and provides two modes.

- Overclocking results variy with the CPU model and the system configuration.
- To prevent overheating from damaging the motherboard, a better thermal environment is strongly recommended.

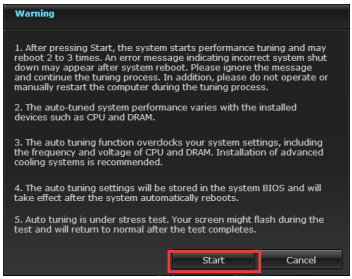
- **Fast Tuning**: fast CPU overclocking
- **Extreme Tuning**: extreme overlocking for CPU and memory

Using Fast Tuning

1. On the Auto Tuning tab, click the **Fast** button.



2. A Warning message will be displayed outlining the Auto Tuning Process. Click **Start** to begin Auto Tuning.



3. TurboV automatically overclocks the CPU, saves BIOS settings and restarts the system. After re-entering Windows, a message appears indicating auto tuning was successful. Click **OK** to exit.

Using Extreme Tuning

1. Click the **Auto Tuning** tab and then click **Extreme**.
2. Read through the warning messages and click **OK** to start auto-overclocking.
3. TurboV automatically overclocks the CPU and memory and restarts the system. After re-entering Windows, a message indicates that overclocking has been successful. To prevent further auto-tuning, click **Stop**.

4. If you did not click **Stop** in the previous step, TurboV continues with the process. A progress bar will be displayed as auto tuning proceeds. Click **Stop** if you want to cancel the Overclocking process.

5. TurboV automatically adjusts and saves BIOS settings and restarts the system. After re-entering Windows, a message appears indicating auto tuning successful. Click **OK** to exit.

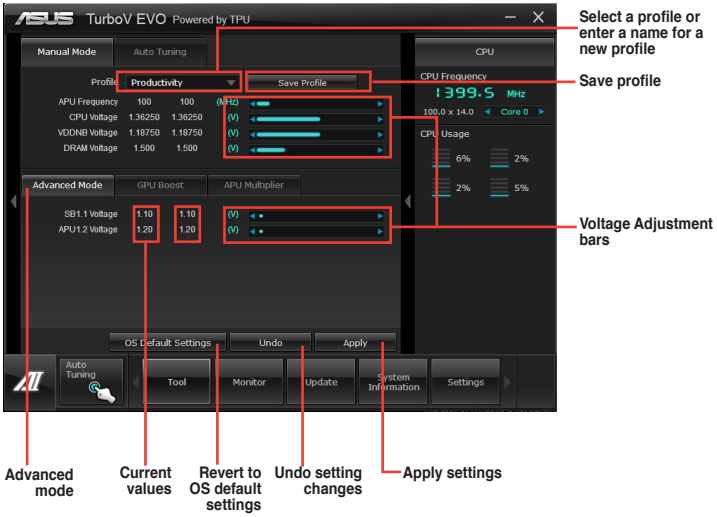
Using Manual Mode

Click the **Manual Mode** tab to adjust advanced voltage settings or create a profile. Click and drag the voltage adjustment bars to increase or decrease voltage.

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 lead to an unstable system.

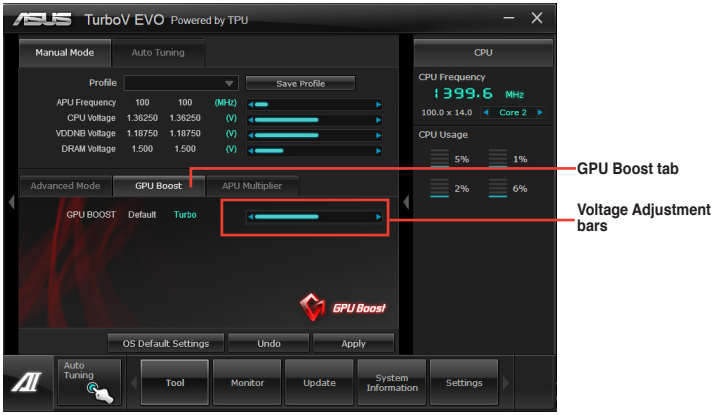
For system stability, all changes made in TurboV will not be saved to the BIOS settings and will not be kept on the next system boot. Use the **Save Profile** function to save your customized overclocking settings and manually load the profile after Windows starts.

Advanced Mode



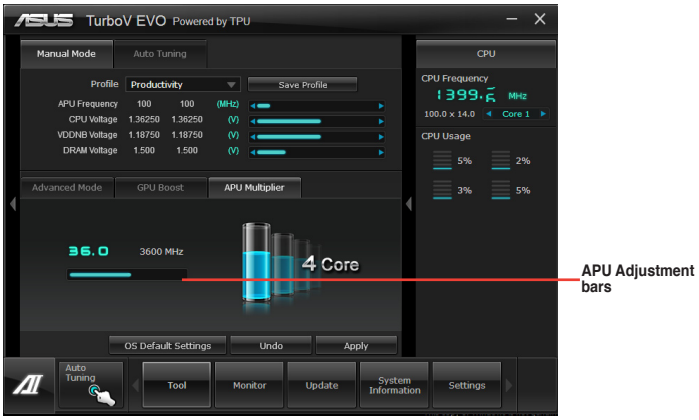
GPU Boost

Under Manual Mode, click the GPU Boost tab to increase GPU performance..



APU Multiplier

Under Manual Mode, the APU Multiplier tab allows you to adjusts APU core speed.



- Set the **APU Multiplier** item in BIOS to [Auto] before using the APU Multiplier feature in TurboV. Refer to the BIOS section of your motherboard user manual for details.
- The APU Multiplier bars show the status of the APU cores, which vary with your APU model.

Probe II

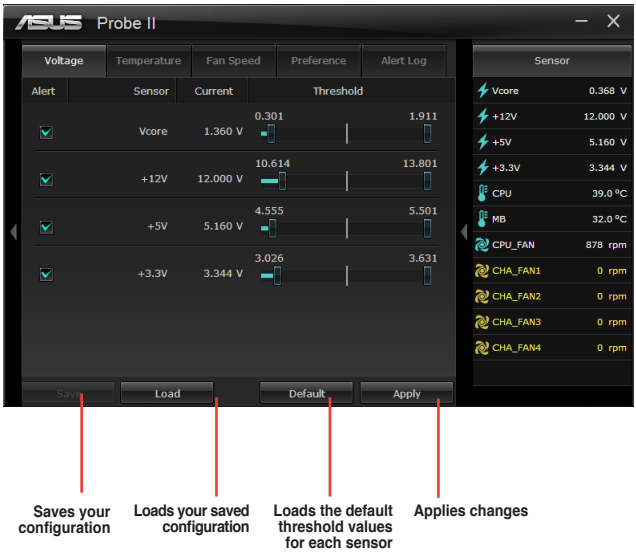
Probe II is a utility that monitors the computer's vital components, and detects and alerts you of any problems. Probe II monitors fan rotations, CPU temperature, and system voltages, among others. With this utility, you are assured that your computer is always at a healthy operating condition.

Launching Probe II

After installing AI Suite II from the motherboard support DVD, launch Probe II by clicking **Tool > Probe II** on the AI Suite II main menu bar.

Configuring Probe II

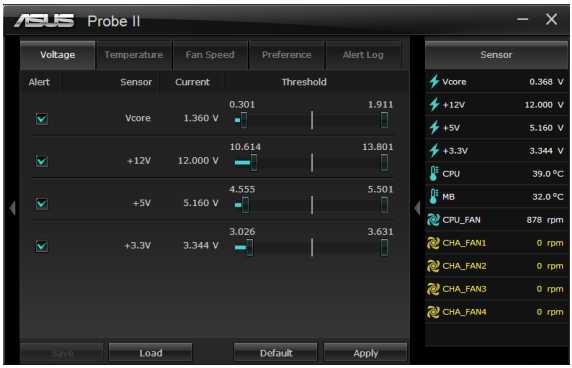
Click the **Voltage/Temperature/Fan Speed** tabs to activate the sensors or to adjust the sensor threshold values. The **Preference** tab allows you to customize the time interval of sensor alerts, or change the temperature unit.



Refer to the software manual in the support DVD or visit the ASUS website at www.asus.com for detailed software configuration.

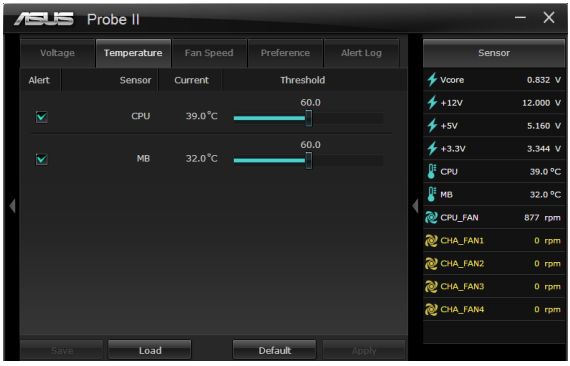
Voltage

The Voltage tab displays the system voltage sensors, including the 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, or via a pop-up message.



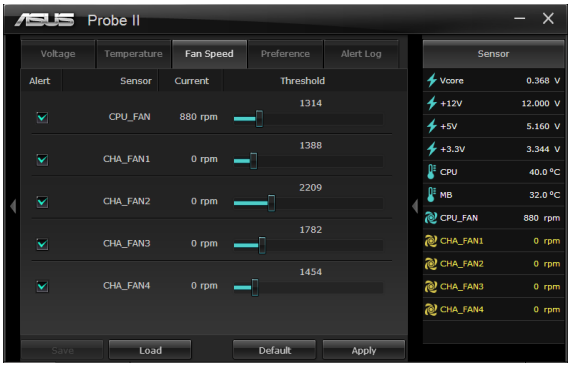
Temperature

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 or via a pop-up message.



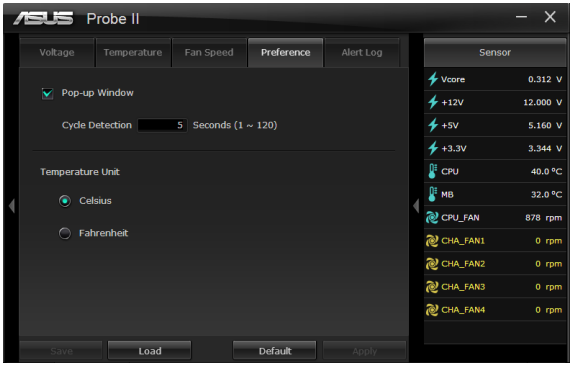
Fan Speed

The Fan Speed tab displays the current and threshold rotations (per minute) of the CPU, chassis, 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 or via a pop-up message.



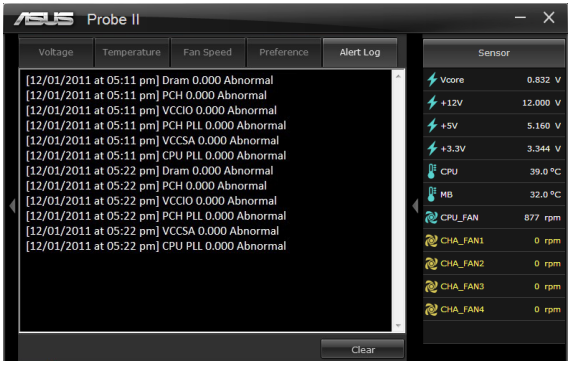
Preference

The Preference tab allows you to enable the pop-up window, set the cycle detection interval, and select the temperature unit.



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. Click **Clear** to empty the log.



Sensor Recorder

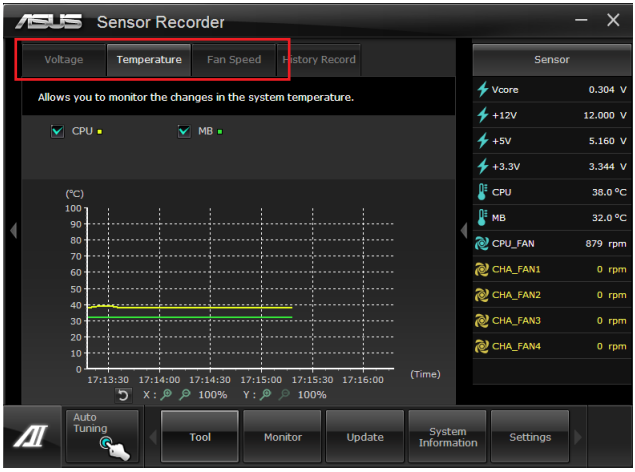
Sensor Recorder monitors real-time changes in the system voltage, temperature, and fan speed. The History Record feature, on the other hand, can be used to record values over a specific period of time.

Launching Sensor Recorder

To launch Sensor Recorder, click **Tool > Sensor Recorder** on the AI Suite II main menu bar.

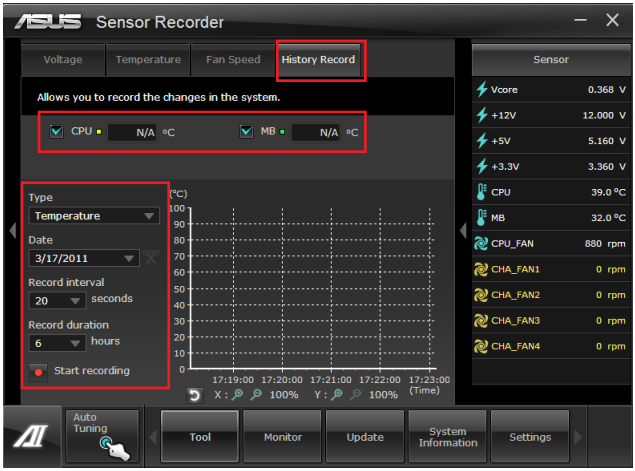
Using Sensor Recorder

Click **Voltage/ Temperature/ Fan Speed** tabs to monitor specific types of values. Colored lines will be displayed on the graph to indicate the current status.



Using History Record

1. Click the **History Record** tab. Select CPU or MB to monitor one or both components.
2. Select an item to record on the Type item.
2. Specify a date, interval, and duration
3. Click **Start Recording** to begin recording the values. Click the button again to stop recording.



Click **Monitor > Sensor** on the AI Suite II main menu bar and the system status will appear on the right panel.

Ai Charger+

This utility allows you to charge your portable BC 1.1* mobile devices on your computer's USB port three times faster than standard USB devices**.

- * Check your manufacturer if your USB device is a Battery Charging Specification 1.1 (B.C.) compliant or compatible device.
- ** Actual charging speeds may vary depending on the charging rate and specifications of your USB device.
- To ensure normal charging, disconnect and reconnect your USB device every time you enable or disable Ai Charger+.

USB 3.0 Boost

The ASUS USB 3.0 Boost feature supports UASP (USB Attached SCSI Protocol) and automatically increases a USB 3.0 device's transfer speed up to 170%.

Launching USB 3.0 Boost

To launch USB 3.0 Boost, click **Tool > USB 3.0 Boost** on the AI Suite II main menu bar.

Using USB 3.0 Boost

1. Connect a USB 3.0 device to the USB 3.0 port.

   USB 3.0 Boost automatically identifies a USB 3.0 device and switches to Turbo mode or UASP mode as appropriate.

2. You can manually switch the USB 3.0 mode back to **Normal** mode at any time.

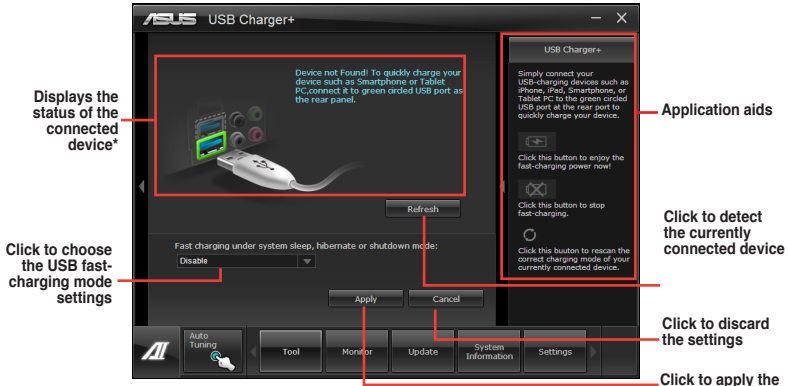
- Refer to the software manual in the support DVD or visit the ASUS website at www.asus.com for detailed software configuration.
- Use USB 3.0 devices for high performance activities. Data transfer speeds vary with USB devices.

USB Charger+

This utility allows you to fast-charge your portable USB devices even if your PC is off, in Sleep Mode, or Hibernate Mode.

Launching the USB Charger+

To launch this utility, open the **AI Suite II**, then click **Tool > USB Charger+**.



*** The illustration above shows that no device connected to your PC for fast-charging.**

USB fast-charging mode settings

Click the dropdown box and select a proper charge mode when your PC is off, in Sleep Mode or Hibernate Mode.

- **Disable:** disables the USB fast-charging function.
- **ASUS**: fast-charges your connected ASUS devices.
- **Apple:** fast-charges your connected Apple devices.
- **Kindle**: fast-charges your Kindle devices.
- **Others**: charges other portable USB devices.

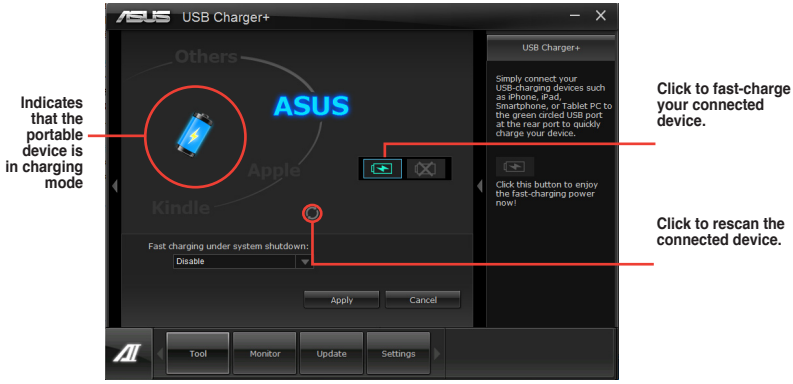
The utility cannot detect the devices connected to your computer if the charging mode is enabled.

Setting up the charging function

When a portable device is connected to the USB port of the PC, the USB Charger+ automatically detects the device type.

Charging the device

Click  to fast-charge your device.



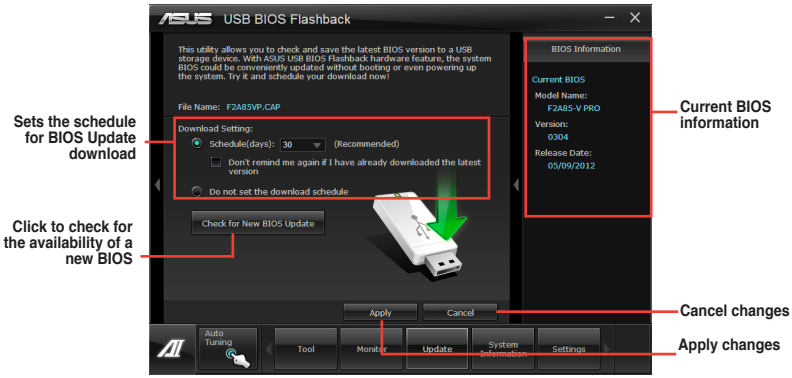
Clicking the  stops charging the connected device, and rescans for other detected devices. Click the  to re-enable the fast-charging.

Disabling the charging function

Click  to stop charging your device.

USB BIOS Flashback

USB BIOS Flashback allows you to update the BIOS without entering the BIOS or operating system. Just connect a USB storage device containing the BIOS file to the USB port, press the BIOS Flashback button, and the BIOS is updated automatically.



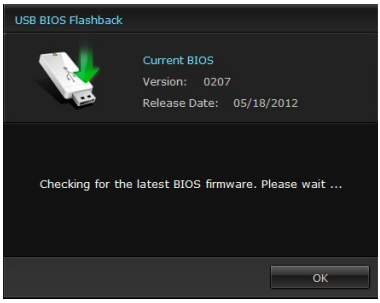
Scheduling the latest BIOS download

1. In the **Download Setting** section, tick **Schedule (days)** and specify the number of days before downloading an updated BIOS.
2. Click **Apply** to save the BIOS download schedule. Click **Cancel** to cancel the changes made.

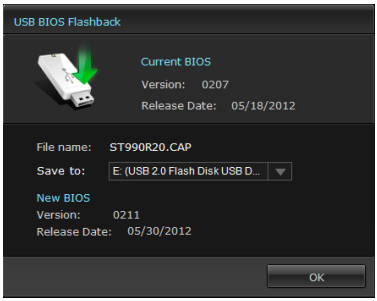
Downloading the updated BIOS

Before you start downloading, connect the USB storage device to your computer's USB port.

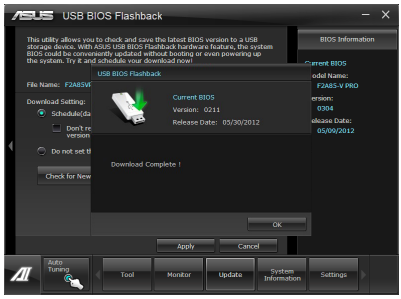
1. Click **Check for New BIOS Update**.



2. From the **Save to** dropdown list, select the USB storage device that you want to save the BIOS file to, then click **Download**.



3. When the download process is complete, click **OK** to exit.



Network iControl

ASUS Network iControl is an intuitive one-stop network control center that makes it easier for you to manage your network bandwidth. Network iControl allows you to set, monitor, and schedule the bandwidth priorities for your online applications.

To launch Network iControl, click **Tool > Network iControl** from the AI Suite II main menu bar.

- Install the LAN drivers before using this feature.
- Network iControl is supported under Windows® 7 and later operating systems and can only support the onboard LAN.

Using EZ Start

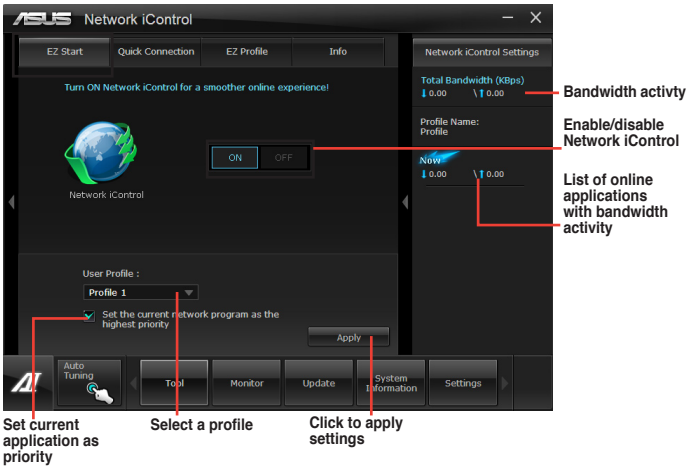
EZ Start enables Network iControl and allocates the highest bandwidth to a running application.

To use EZ Start:

1. Click the **EZ Start** tab.
2. Click the **ON/OFF** switch to enable/disable Network iControl.

- By default, Network iControl is set to **ON**.
- When switched off, the Quick Connection, EZ Profile, and Info tabs are unavailable.
- You may monitor the bandwidth priority from your desktop's taskbar.

3. Tick **Set the current network program as the highest priority** to enable **User Profile**.
4. Select a profile and click **Apply**.



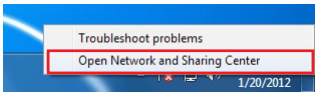
Using Quick Connection

Configuring the PPPoE connection settings

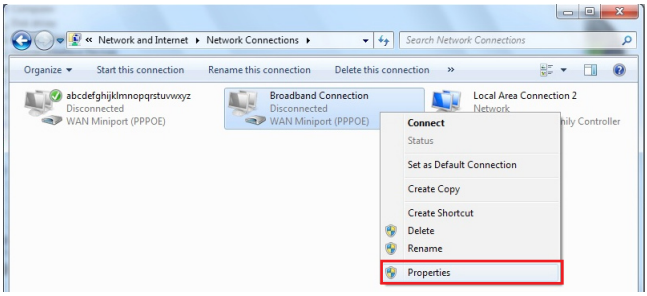
Before enabling the Network iControl's **Quick Connection** feature, you must configure the PPPoE connection settings

To configure the PPPoE settings:

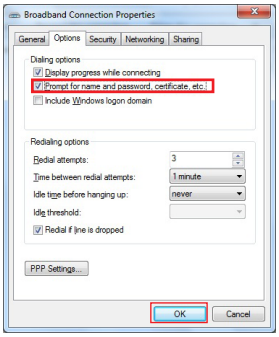
1. Right-click in the taskbar, and select **Open Network and Sharing Center**.



2. Right-click the PPPoE Connection, and select **Properties**.



3. Click the **Options** tab, and deselect **Prompt for name and password, certificate, etc.** Click **OK**.



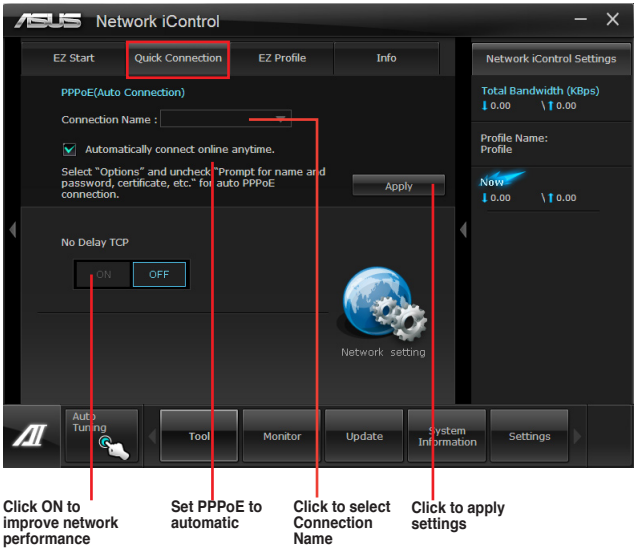
- You only need to configure PPPoE connection settings once.
- Obtain the necessary information for your PPPoE connection from your network provider.

Configuring Quick Connection

To configure the auto-PPPoE connection:

1. Click the **Quick Connection** tab.
2. Tick **Automatically connect online anytime**, then select the connection name in the **Connection Name** dropdown box.
3. Click **Apply**.

You can also enable the **No Delay TCP** function to help improve network performance.

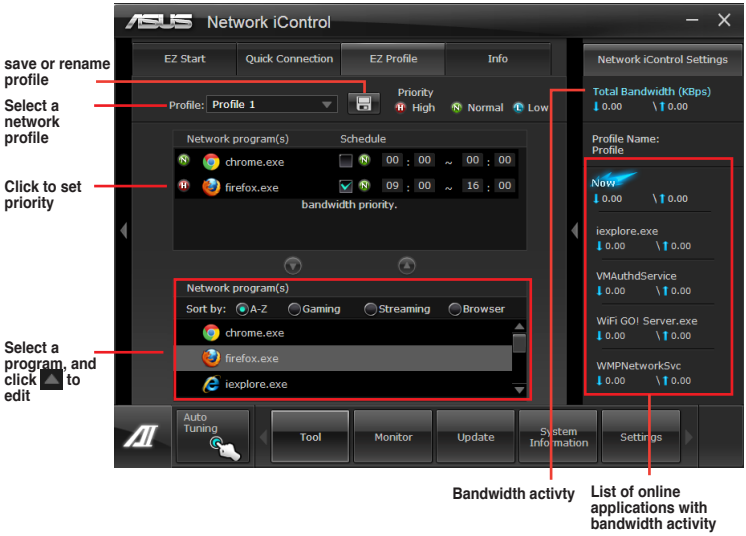


Using EZ Profile

To use EZ Profile:

EZ Profile allows you to load, edit, and save your own network program priority profile.

1. Click the **EZ Profile** tab. Online applications will be listed on the Network programs window.
2. Select an application, and click to create your profile.
3. Click to save changes and/or rename your profile.
4. Click , , or to set network program priority as High, Normal, or Low.



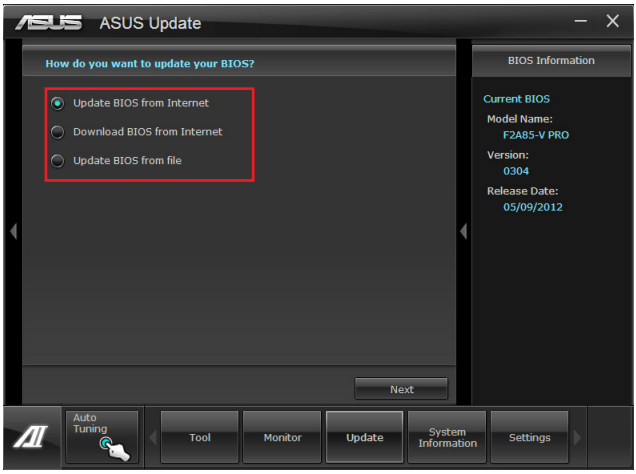
ASUS Update

ASUS Update is a utility that allows you to manage, save, and update the motherboard BIOS in a Windows® environment.

Launching ASUS Update

To launch ASUS Update, click **Update> ASUS Update** on the AI Suite II main menu bar.

Using ASUS Update



Select any of these options to update the BIOS:

- **Update BIOS from Internet**

  Download the latest BIOS utility from the ASUS service website (www.asus.com) and follow the procedures to update the BIOS version on your system.

- **Download BIOS from Internet**

  Download the latest BIOS utility from the ASUS service website (www.asus.com) and save for later use.

- **Update BIOS from file**

  Use the BIOS utility to upload a saved BIOS file to update the BIOS version on your system.

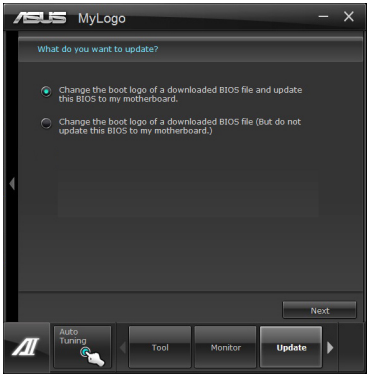
There may be risks of a system crash when updating the BIOS. Backing up the original BIOS utility is recommended before updating.

MyLogo2

The MyLogo2 utility lets you customize the boot logo. The boot logo is the image that appears on screen during the Power-On-Self-Tests (POST).

Launching MyLogo2

After installing AI Suite II from the motherboard support DVD, launch MyLogo2 by clicking **Update> MyLogo** on the AI Suite II main menu bar.

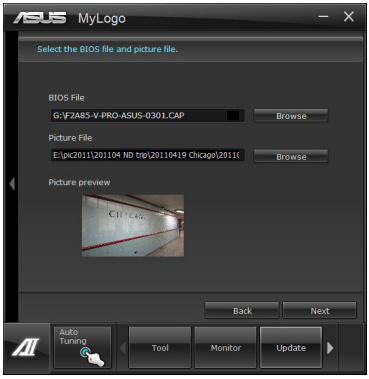


Using MyLogo2

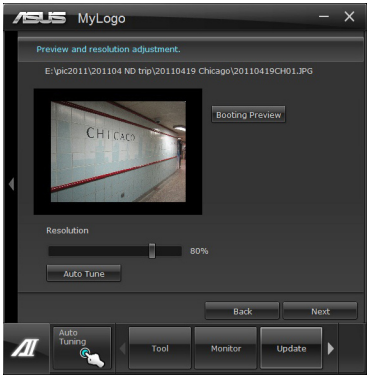
Select whether you want to update the BIOS with the logo or just change the logo without updating the BIOS. Then click Next.

Change the boot logo of a downloaded BIOS file and update this BIOS to my motherboard

1. On the BIOS File item, click **Browse** and navigate to the downloaded BIOS file.
2. On the Picture file item,click **Browse** to select an image for the boot logo. Click **Next**.



3. Click on **Auto Tune** to adjust image size automatically or drag the slider on the resolution bar to manually change image dimensions.
4. Click **Booting Preview** to view the image as it would be displayed after POST. Then click **Next**.
5. Click **Flash** to upload the boot image and update the BIOS.
6. Click **Yes** to reboot.



The fullscreen logo option in the BIOS must be enabled for MyLogo2 to take effect.