

ASUS GPU Boost Support

ASUS GPU Boost overclocks the integrated GPU in real-time for the best graphics performance. User-friendly UI facilitates flexible frequency and voltage adjustments. Its ability to deliver multiple overclocking profiles also provides rapid and stable system-level upgrades. The AMD® F1A75-I Deluxe motherboard supports the ASUS GPU Boost feature.

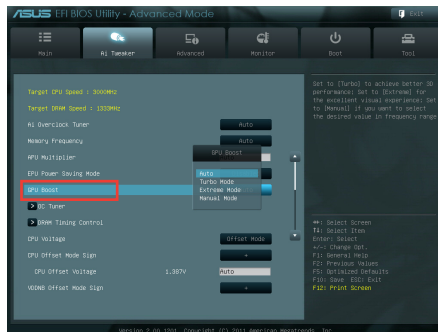


AMD® A8-3870K, A6-3670K, and all the upcoming Black Edition APUs (Accelerated Processors) support GPU overclocking.

Configuring ASUS GPU Boost

There are two ways you can use to configure ASUS GPU Boost: the BIOS setup utility and the TurboV EVO utility.

Configuring ASUS GPU Boost in the BIOS settings



In the BIOS Setup utility, go to **Advanced Mode > Ai Tweaker > GPU Boost**. Select any from the four configuration options:

- [Auto] Select this option to automatically optimize the iGPU frequency.
- [Turbo Mode] Select this option to achieve better 3D display performance.
- [Extreme Mode] Select this option for excellent visual experience.
- [Manual Mode] Select this option to manually set up the iGPU frequency.

Configuring ASUS GPU Boost using the TurboV EVO utility



- ASUS GPU Boost is available only when you install the VGA driver from the motherboard support DVD.
- For system stability, all changes made in ASUS GPU Boost 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.

To launch ASUS GPU Boost:

1. Install the ASUS AI Suite II utility from the motherboard support DVD.
2. From the Windows® desktop, click **Start > All Programs > ASUS > AI Suite II > AI Suite II X.XX.XX** to launch the AI Suite II utility. The AI Suite II Quick Bar appears.
3. Click **Tool > TurboV EVO** on the AI Suite II Quick Bar.
4. Click **Manual Mode** from the TurboV EVO main screen, and then click **GPU Boost**.

The screenshot shows the ASUS TurboV EVO utility in Manual Mode. The interface includes a 'Profile' section with start-up and target values for APU Frequency, CPU Voltage, VDDCR voltage, and DRAM Voltage. The 'GPU Boost' section features an adjustment slider. The right panel displays real-time CPU frequency (3000.1 MHz) and usage. Annotations with red lines point to specific features: 'Manual Mode' and 'Save Profile' buttons; the 'GPU Boost' section and its adjustment slider; the 'OS Default Settings' button; and the 'Apply' button. A note explains that the iGPU frequency varies with the APU model.

Click to save your overclocking settings

Adjustment slider*

* The iGPU frequencies of each mode vary with the APU models installed on your system.

Start-up values

Target values

Click to restore all start-up settings

Applies all changes immediately

Undoes all changes without applying



Enable GPU Boost before setting up the AMD® Dual Graphics configuration. Otherwise, GPU overclocking may fail. Refer to www.amd.com for the discrete graphics cards that support AMD® Dual Graphics technology and are compatible with AMD® A8-3870K, A6-3670K, and all the upcoming Black Edition APUs.

