ASUS GPU Boost Support

ASUS GPU Boost overclocks the integrated GPU 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® A55 and A75 motherboard models listed below support the ASUS GPU Boost feature.

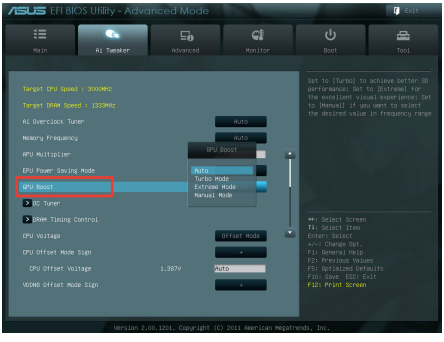
Chipset	A55	A75
Model Name	F1A55-V	F1A75-V EVO
	F1A55-M	F1A75-V PRO
	F1A55-M LE	F1A75-M PRO
	F1A55-M LX	F1A75-M PRO/CSM
		F1A75-V
	F1A55-M LX PLUS	F1A75-M
		F1A75-M LE

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

Configuring ASUS GPU Boost

There are three ways you can use to configure ASUS GPU Boost: the BIOS setup utility, the TurboV EVO utility, and the GPU Boost switch or TPU switch.

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:

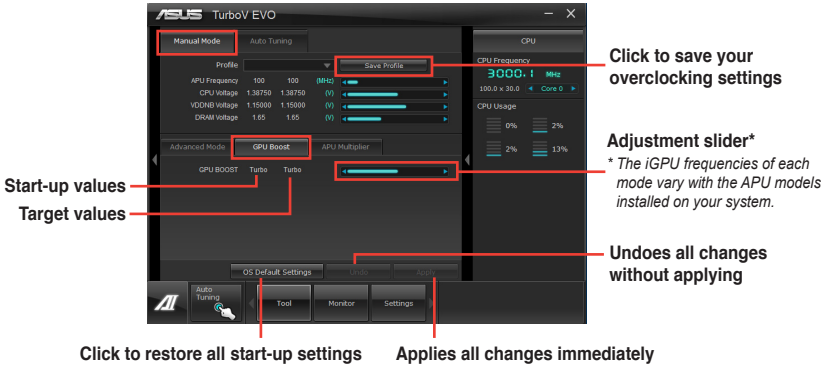
[Auto]	Select this option to automatically optimize the iGPU frequency.
[Turbo Mode]	Select this option to achieve better 3D display performance.
[Extreme Mode]	Select this option for excellent visual experience.
[Manual Mode]	Select this option to manually set up the iGPU frequency.

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.
- All GPU Boost settings made in TurboV EVO will take effect after the system reboot and will be saved to the BIOS settings.
- Use the **Save Profile** function to save your customized overclocking settings. To use a saved profile including GPU Boost setting changes, manually load it, and then reboot your system to make it take effect.

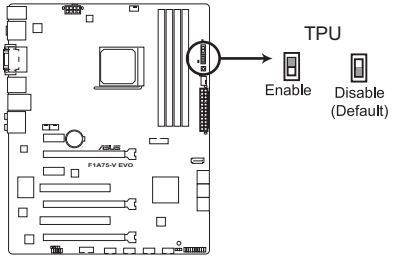
To launch ASUS GPU Boost:

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**.

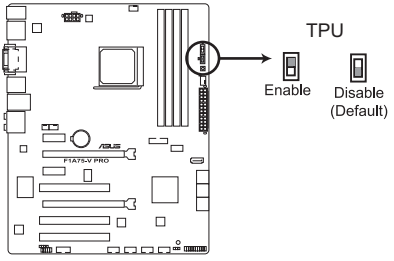


Configuring ASUS GPU Boost using the GPU Boost switch or TPU switch

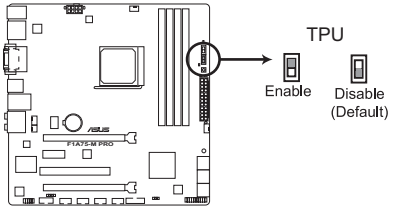
Some AMD® A55 and A75 models are equipped with an onboard GPU Boost switch or TPU switch. These models include **F1A75-V EVO, F1A75-V PRO, F1A75-M PRO, F1A75-M PRO/CSM, and F1A75-M**. Use the GPU Boost switch or TPU switch to enable or disable the ASUS GPU Boost feature. See the illustrations below for the locations of the switches.



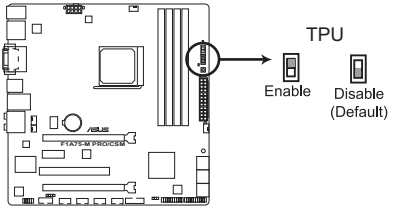
F1A75-V EVO TPU switch



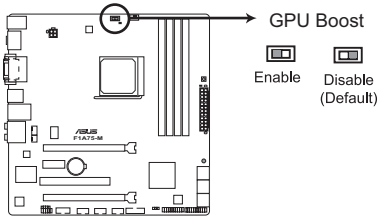
F1A75-V PRO TPU switch



F1A75-M PRO TPU switch



F1A75-M PRO/CSM TPU switch



F1A75-M GPU Boost switch

You can check the iGPU frequency in the BIOS or the TurboV EVO utility after enabling the GPU Boost switch or TPU switch. The values vary with the APU models installed on your system.

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.

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