Q6866





## **Contents**

١.	Int	Introduction	
	a.	Knowing ASUS GPU Tweak	3
	b.	System requirements	3
	c.	Installing ASUS GPU Tweak	3
II.	Qu	ick start	4
	a.	Launching ASUS GPU Tweak	4
	b.	Standard mode overview	4
	c.	Advanced mode overview	5
III. Standard mode		ndard mode	6
	a.	Tuning panel	6
	b.	Live Update panel	8
	c.	Settings panel	9
	d.	GPU Info panel	14
	e.	Monitor panel	15
IV.	Ad	vanced mode	. 18

## I. Introduction

### a. Knowing ASUS GPU Tweak

ASUS GPU Tweak utility allows you to monitor and optimize the settings for your ASUS graphics card's optimal performance. It includes these exclusive functions:



Link up the GPU Clock and GPU Voltage: Worry-free overclocking!



**GPU Info detected by GPU-Z**: Provide a more accurate card information.



**In-game video recording**: Preset recording hotkeys for easy sharing.



Widget style monitoring: Monitor your card's real-time statuses in a easier way.

## b. System requirements

- · AMD HD6000 Series GPU or higher
- NVIDIA GT500 Series GPU or higher
- Microsoft® Windows® 32-/64-bit 7 / Microsoft® Windows® 32-/64-bit Vista / Microsoft® Windows® 32-/64-bit XP (Microsoft .NET Framework 3.5 is required for Windows XP)

## c. Installing ASUS GPU Tweak

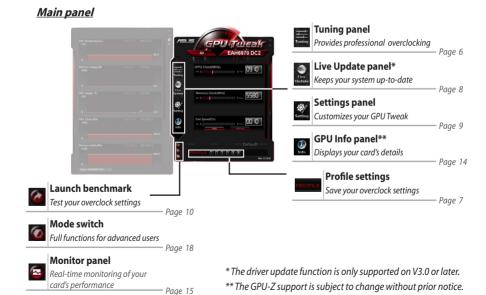
- 1. Ensure that you have installed the ASUS graphics card and its driver. Refer to the ASUS graphics card user manual for details on installing its driver.
- 2. Locate the ASUS GPU Tweak driver folder and double-click the **setup.exe** file to start the installation.
- 3. Follow the onscreen instructions to finish the installation.

## II. Quick start

## a. Launching ASUS GPU Tweak

- Double-click the GPU Tweak icon on the notification area to restore the window.
- If you exit the utility, go to Start > All Programs > ASUS > ASUS GPU Tweak to launch the program.

## b. Standard mode overview



## **Monitor panel**



## c. Advanced mode overview

Click (mode switch) to switch between the Standard mode and Advanced mode\*. The main differences between these two modes are the functions of the Main panel. See the table below for details.

#### Standard mode vs. Advanced mode

Items	Standard Mode	Advanced Mode
Adjust GPU Clock	$\sqrt{}$	V
Adjust GPU Voltage	-	V
Lock GPU Clock and GPU Voltage	-	V
Adjust Memory Clock	√	<b>√</b>
Adjust Fan Speed	√	<b>√</b>
Advanced Fan Speed settings	-	V
Adjust 2D/3D mode separately, disable 2D	-	<b>V</b>
Adjust several cards separately	-	V

<sup>&</sup>quot;√": Available;

<sup>&</sup>quot;-": Not available



## III. Standard mode

## a. Tuning panel

The Tuning panel allows you to select from the preset profiles or to manually adjust the GPU Clock, Memory Clock, and Fan Speed settings.





# Items Descriptions



a

8

#### **Tuning icon**

Click the **Tuning** icon to display the Tuning panel.

#### GPU Clock and Memory Clock configuration area

Do any of the following to adjust the GPU Clock and Memory Clock configurations:

- Directly enter your preferred value in the boxes.
- Move the sliders to your preferred value.
- Click the red bars and then press the Left/Right keys on your keyboard.
- · Click the red bars and then scroll your mouse wheel.
  - \* See page 10 for detailed mouse and keyboard sensitivity settings.

## Fan Speed configuration area



- Manual: Select this mode to manually adjust the Fan Speed.
- Apply, Cancel, and Default buttons 4

Click **Apply** to save your changes, **Cancel** to discard the changes you made, and **Default** to use the factory default settings.

## **Profile settings**

To save your settings to a profile:

- 1. After configuring the tuning settings, click **Apply**. The **Save** button appears next to the Profile bar.
- 2. Click **Save** and the four Profile icons appear.
- 3. Click a **Profile** icon to save your changes to it. The saved profile turns red indicating that it is 6 activated.





## b. Live Update panel

The Live Update panel allows you to get the latest VBIOS and driver updates and displays the VBIOS information.



Items	Descriptions
1	<b>Live Update icon</b> Click the <b>Live Update</b> icon to display the Live Update panel.
2	<b>Check Update button*</b> Click <b>Check Update</b> to get the latest VBIOS and driver updates.
3	VBIOS tab Click VBIOS to get your VGA card's VBIOS information.

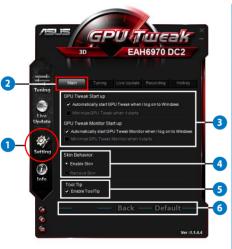
<sup>\*</sup>The driver update function is only supported on V3.0 or later.

## c. Settings panel

The Settings panel allows you to configure the ASUS GPU Tweak settings through its five tabs: **Main**, **Tuning**, **Live Update**, **Recording**, and **Hotkey**.

#### Main tab

From the Main tab, you can set up how ASUS GPU Tweak starts up.

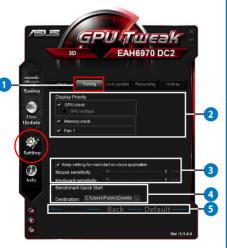


Items	Descriptions
	Settings icon
	Click the <b>Settings</b> icon to display the Settings
	panel.
2	Main tab
0	Click to display the Main tab.
	Start-up settings
3	Tick to set up how ASUS GPU Tweak and its
	Monitor function starts up.
	Skin settings
4	<ul> <li>Enable skin: Default setting.</li> </ul>
	<ul> <li>Remove skin: Select this option to lessen the system load.</li> </ul>
	Tool Tips settings
5	Tick or untick to enable or disable the Tool Tips
	feature.
	Apply, Back, and Default buttons
6	Click <b>Apply</b> to save your changes, <b>Back</b> to return to the Tuning panel and <b>Default</b> to use the factory default settings.



## Tuning tab

From the Tuning tab, you can set up the display priorities of the Tuning panel, the mouse and keyboard sensitivities, and the Benchmark Quick Start configuration.



10	
Items	Descriptions
0	Tuning tab
	Click to display the Tuning tab.
	Display priority settings
	<ul> <li>Tick to display the item and configure on the</li> </ul>
2	Tuning panel.
	Drag an item to change its display order on the
	Tuning panel.
	Mouse and keyboard sensitivity settings
	<ul> <li>Tick to keep the settings at the next launch.</li> </ul>
	<ul> <li>Mouse / Keyboard sensitivity: Move the slider</li> </ul>
3	to set a fixed interval between mouse wheel
	scrolls or keyboard strokes when adjusting the
	GPU clock, GPU voltage, and fan speed on the Tuning panel.
	<u> </u>
	Benchmark Quick Start settings
4	Allows you to select a program to be launched when
	clicking the Benchmark button 🙆.
	Apply, Back, and Default buttons
5	Click <b>Apply</b> to save your changes, <b>Back</b> to return
	to the Tuning panel, and <b>Default</b> to use the factory
	default settings.

# O.

## Live Update tab

From the Live Update tab, you can set up how you want to receive the latest VBIOS and driver updates.

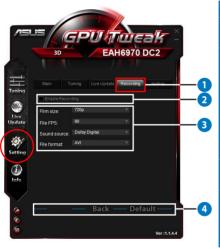


Items	Descriptions
a	Live Update tab
U	Click to display the Live Update tab.
	Live Update settings
	Enable Live Update: Tick to enable the Live Update feature.
	<ul> <li>Update check frequency: Sets the update check frequency and modes.</li> </ul>
2	<ul> <li>Automatic update: Automatically update to the latest drivers and VBIOS from ASUS official website.</li> </ul>
	<ul> <li>Automatic update (Urgent only):         Automatically update only when critical drivers and VBIOS updates are available from ASUS official website.     </li> </ul>
	<ul> <li>Notify me but do not automatically download or install updates.</li> </ul>
	Apply, Back, and Default buttons
3	Click <b>Apply</b> to save your changes, <b>Back</b> to
	return to the Tuning panel, and <b>Default</b> to use
	the factory default settings.



## Recording tab

From the Recording tab, you can enable the Recording function and configure the Recording settings.



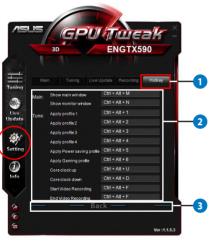
la	Descriptions.
Items	
0	Recording tab
	Click to display the Recording tab.
	Enable Recording**
2	Tick to enable the Recording function. You can set up the Start/End video recording hotkeys through the Hotkey tab. See more details on the next page.
6	Untick this item to disable the Recording function to lessen the system load.
	* The recorded reports will be saved in the <b>Program Files</b> > <b>ASUS</b> > <b>GPU Tweak</b> > <b>Log</b> folder.
3	Record file settings
9	Click to configure the recorded file.
	Apply, Back, and Default buttons
4	Click <b>Apply</b> to save your changes, <b>Back</b> to return to the Tuning panel, and <b>Default</b> to use the factory default settings.

<sup>\*\*</sup> The Recording function is only supported on V3.0 or later.



#### Hotkey tab

From the Hotkey tab, you can set up the hot keys to quickly show the main screen or apply some quick adjustments.



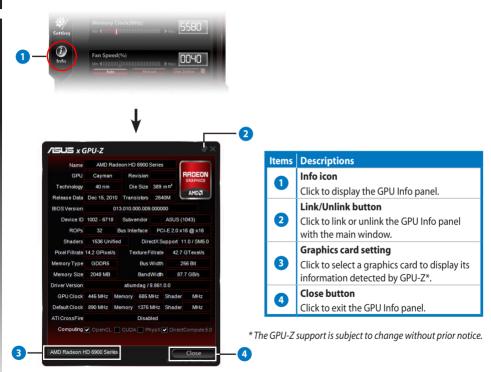
Items	Descriptions
0	Hotkey tab
•	Click to display the Hotkey tab.
	Hotkey settings*
2	Key in a hotkey combination (Ctrl + Alt +) for each action.
	Apply, Back, and Default buttons
3	Click <b>Apply</b> to save your changes, <b>Back</b> to return to the Tuning panel, and <b>Default</b> to use the factory default settings.

<sup>\*</sup>The Start/End video recording hotkeys configuration is only supported on V3.0 or later.



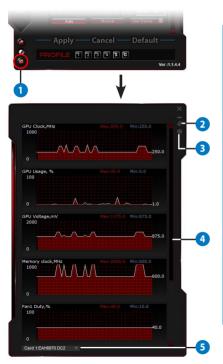
## d. GPU Info panel

The GPU Info panel displays your graphics card's details that TechPowerUp GPU-Z\* provided.



## e. Monitor panel

The Monitor panel displays your graphics card's real-time statuses, such as GPU Temperature, GPU Usage and VID Usage.



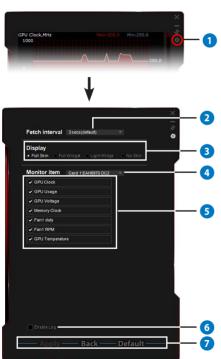
Items	Descriptions
0	Monitor icon
	Click to display the Monitor panel.
	Link/Unlink button
2	Click to link or unlink the Monitor panel with the main window.
	Monitor setting button
3	Click to display the Setting sub-panel. See more details on the next page.
	Monitoring display area
	Tracking tips:
	<ul> <li>Single right-click: Fix a tracking point.</li> </ul>
	<ul> <li>Double left-click: Clear all tracking points.</li> </ul>
4	<ul> <li>Drag with the left mouse button: Check through the whole timeline.</li> </ul>
	GPU temperature,*C 130, 38.0 Min:36.0 130 37.0 37.0 37.0 38.0 0 15:21:49 15:22:47 38.0
5	Graphics card setting
9	Click to select a graphics card to be monitored.



## e. Monitor panel (continued)

## Monitor setting sub-panel

The Monitor setting sub-panel allows you to configure the Fetch Interval, Monitor panel display, and items to be displayed in the Monitor panel and their display order.



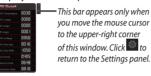
Items	Descriptions
0	Monitor setting button
U	Click to display the Setting sub-panel.
2	Time interval setting
9	Click to specify a monitoring time interval.

#### Items Descriptions

#### Display modes

Sets up how the Monitor panel displays.

- · Full Skin: Default setting
- Full Widget: Select this option to simplify the Monitor panel.



 Light Widget: Select this option to only monitor the crucial items, which are configurable on the Monitor setting sub-panel.



This bar appears only when you move the mouse cursor to the upper-right corner of this window. Click to return to the Settings panel.



- No Skin:
- · Select this option to lessen the system load.
- · Allows easy zoom-in / zoom-out of the Monitor panel.





Right click on the black area to return to the Settings panel.

## 4

#### Graphics card setting

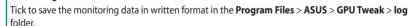
Select a graphics card to be monitored.

## 5

#### Monitor item setting

- Tick or untick to show or hide the selected item.
- Drag an item to change its display order on the Monitor panel.







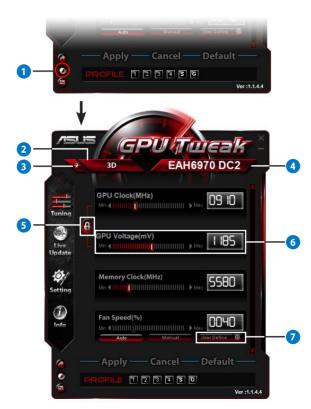
6

#### Apply, Back, and Default buttons

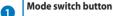
Click **Apply** to save your changes, **Back** to return to the Monitor panel, and **Default** to use the factory default settings.



## IV. Advanced mode



## Items Descriptions



Click to switch between Standard mode and Advanced mode.

#### 2D/3D selection icon

When moving your mouse cursor over this icon, the 2D and 3D icons appear below it. Select one icon to configure the 2D and 3D settings separately.



## Disables 2D

Click to keep the 3D display and ensure a stable overclocking performance.

#### Graphics card selection icon

If you have installed several graphics card on your system, when moving your mouse cursor over this icon, several numerical icons and a **Sync all cards** icon appear below it. Select one numerical icon to configure each graphics card separately or **Sync all cards** icon to apply the changes of the current graphics card to all other graphics cards in the system.



#### Link up the GPU Clock and GPU Voltage

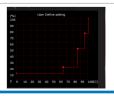
When locked, the **GPU Voltage** setting is automatically adjusted to the optimal value according to the **GPU Clock** setting to ensure a stable overclocking performance. When open, you can adjust the **GPU Clock** and **GPU Voltage** settings separately.

## GPU Voltage

Adjust the GPU Voltage for a stable overclocking performance.

#### Advanced fan speed setting

Click the button next to the User Define button to display the User Define panel and drag through the red dots to manually adjust the fan speed under different temperature conditions.







Inspiring Innovation • Persistent Perfection

Copyright® December, 2011 ASUSTek Computer 150 Li-Te Rd. Peitou, Taipei, Taiwan TEL:886-2-2894-3447 FAX:886-2-2894-3449

Website: http://www.asus.com