

Please leave all these item unchecked for higher performance.

**Options:** this to enable Gigabyte display icon on task bar.

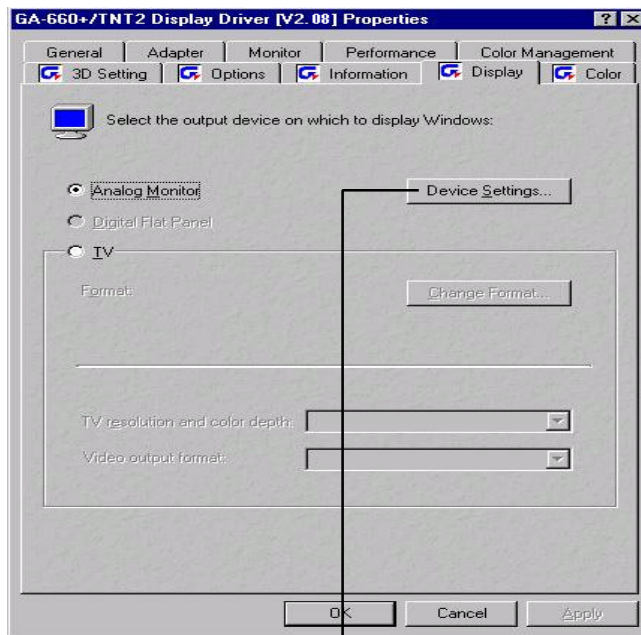
Check this to automatically apply the desired clocking at system startup.



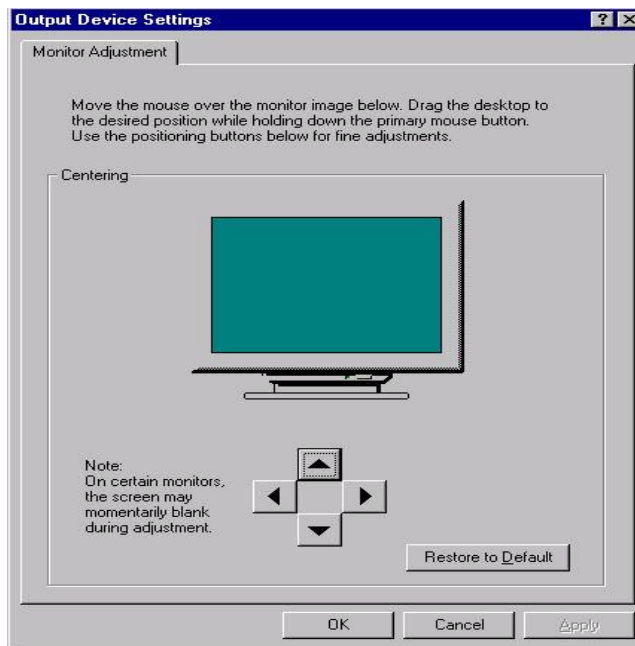
If the system hangs after the new clock settings are applied, please use the display recovery utility to restore the hardware default. Please refer to the detail on P3-21.

The sliders allow you to overclock the graphics processor's Engine Clock and Memory Clock.

**Display-Analong Monitor :**



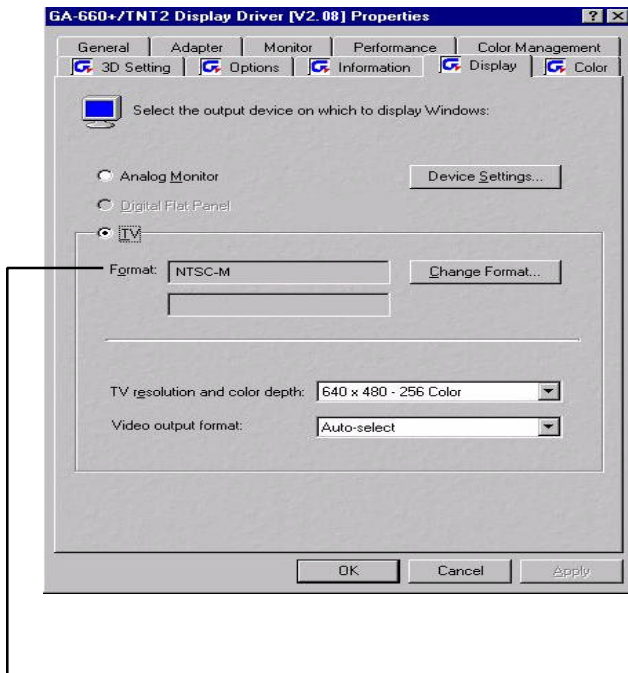
Select "Device Setting"  
button for screen  
adjustment.

**Analog Monitor Device Settings :**



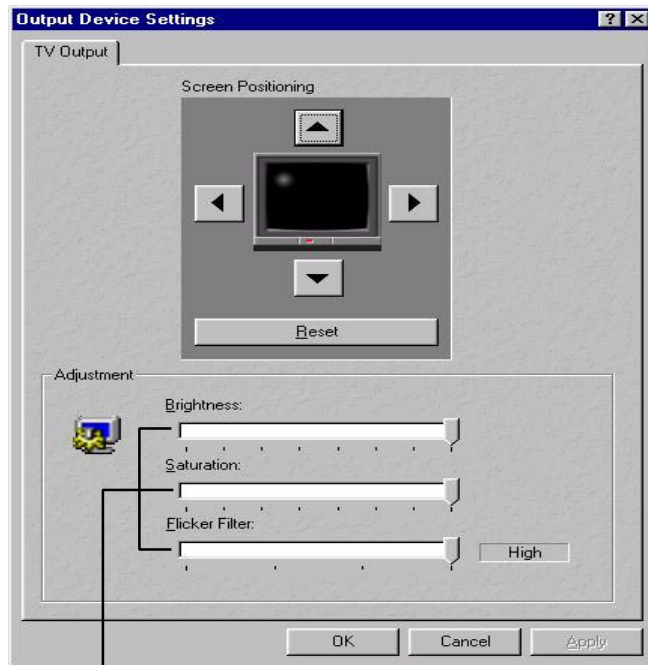
**Display-TV :**

● The Display tab appears if your card came with an S-Video and/or Composite connector, a TV is connected to one of these connectors (S-Video provides better quality) and turned on, and you are in any one of these modes: 640x480 or 800x600.

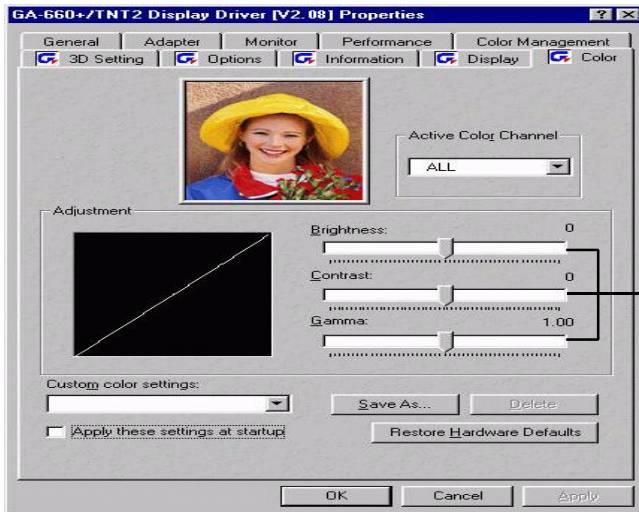
**TV signal format :**

Please set TV signal format to the same type or the devices you will be correcting to.

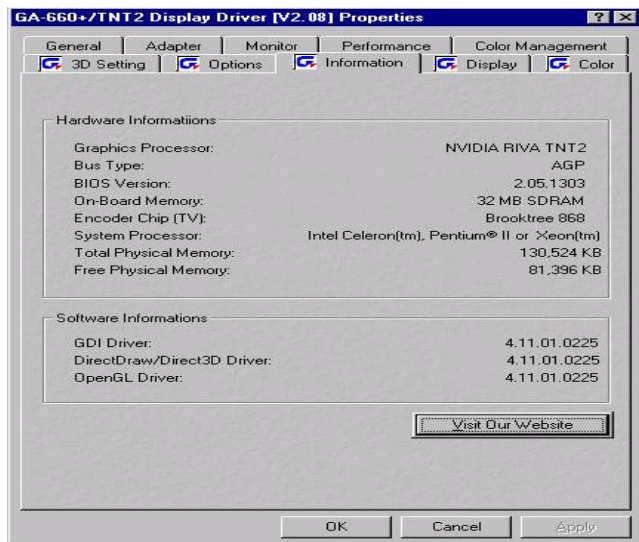
**TV-Device Settings :**



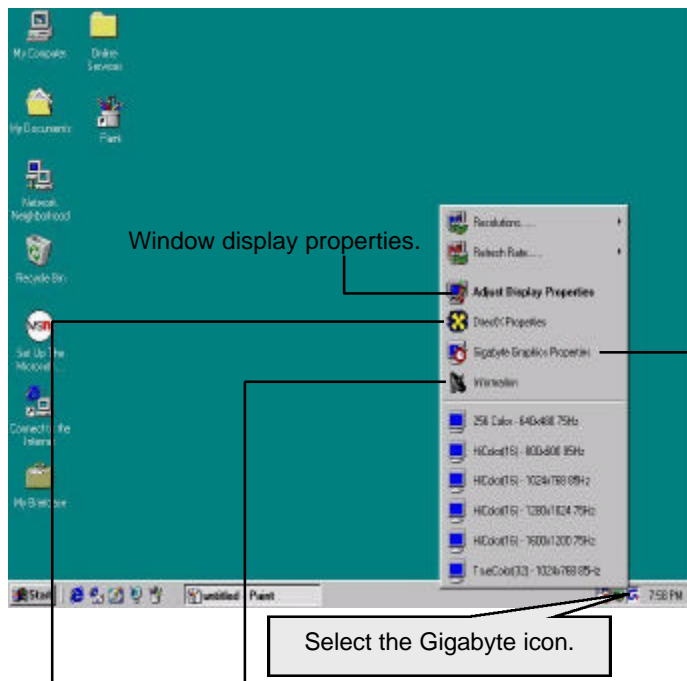
Use sliders for TV color adjustment .

**Color :**

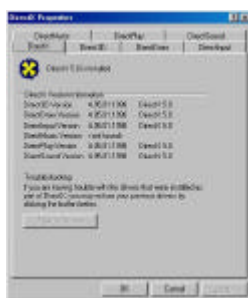
Use sliders for the monitor color adjustment.

**Information :**

### 3.1.6 Taskbar Icon



DirectX properties



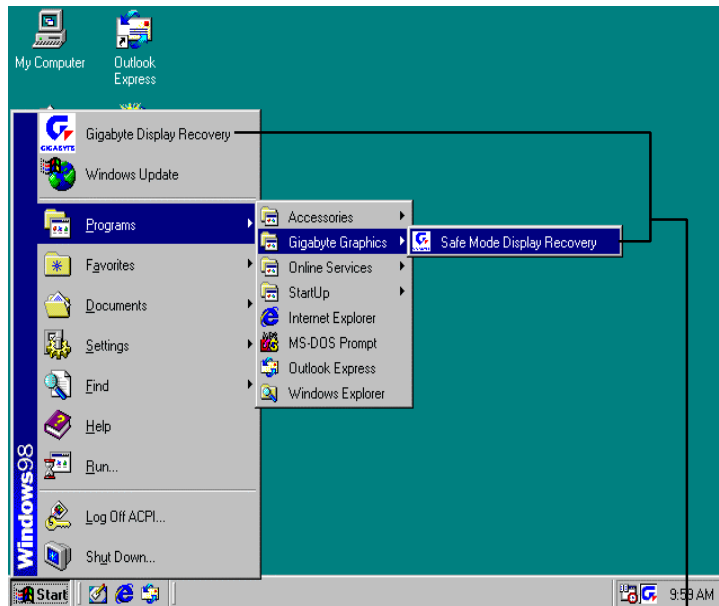
Adapter information



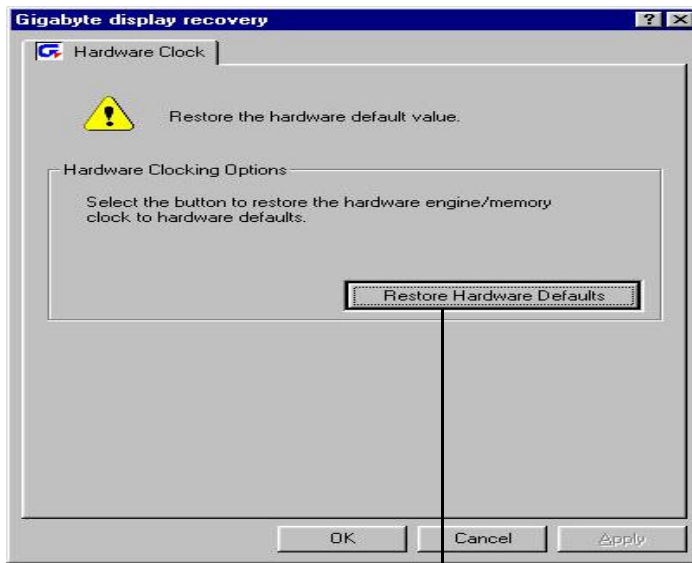
Gigabyte graphic properties for 3D setting, display device, color correction and other options.





**Display Recovery :**

This utility is used to restore hardware clock default settings. If the system hang after new clock are applied, please restart you computer, enter Windows "safe mode"(Press F5 during Windows booting sequence ) and use the display recovery utility to restore the default hardware clock setting.



Select the button to restore  
the hardware clock defaults.

### 3.2 WINDOWS NT 4.0 DRIVER INSTALLATION

Please make sure the Windows NT 4.0 have installed **Windows NT 4.0 Service Pack version 3.0** before installing the GA-660Plus graphics accelerator driver.

1. Boot Windows NT, then select **“Windows NT Workstation Version 4.0 [VGA mode]”**.
2. When NT finishes loading, press your mouse right button in Windows NT wallpaper area.
3. Then select the **“Properties”** item.
4. Select the **“Settings”** Item.
5. Select the **“Display Type”** button, and press the **“Change”** button.
6. Click on **“Have Disk”** and insert the GA-660Plus driver CD into your CD-ROM driver.
7. Type in **D:\Winnt40** (if your CD in Driver D:), and click **“OK”**.
8. A list **“GIGABYTE GA-660Plus”** is appeared in a window, select it and click **“OK”**.
9. A window **“Installing Driver”** appears, click **“OK”** and close the **Display Properties** to restart the system.
10. When the system restart, the default settings are temporarily being used by the system. After the Display applet appears, click **“OK”** and modify the settings you want.

### 3.3 BIOS FLASH UTILITY

GA-660Plus BIOS update procedure:

- ✓ It is recommended you copy the GA6Flash.exe, DOS4GW.exe and the BIOS binary files in driver CD(D:\>Utility\BIOSFlash) into the same directory in your hard disk. **¡** **ie:**C:\>Utility\ (C: denotes the driver where you put the flash utilities and BIOS file0 in.)**¡** **j**
- ✓ Restart your computer into MS-DOS mode or command prompt only for Win95/98, go into the directory where the new BIOS file are located
- ✓ Use the utility GA6Flash.exe (DOS4GW.exe is required to run this program) to update the VGA BIOS.
- ✓ Type the following command once you have enter the directory where all the files are located  
C:\utility\ GA6Flash <filename of the BIOS binary file intended for flashing>
- ✓ Once the process is finished, reboot the system

● **Note:** Please download the newest BIOS from our website ([www.gigabyte.com.tw](http://www.gigabyte.com.tw)) or contact your local dealer for the file.

### 3.4 REMOVE GA-660Plus DRIVER

Please use the “Uninstall Display Driver” to completely remove the driver from hard disk.

## 4. Game's Keyboard Command Reference

### Need for Speed III

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#### 4.1 NEED FOR SPEED III

Note : If you want to driver with an analog steering or a game controller, access the controllers menu for default controls.

Default Driver Controls-Single Player Race :

Action	Keyboard
Accelerate	↑   Ô
Steer left/right	←   ⌂   ÷
Brake	↓   Õ
Handbrake	Spacebar
Shift up/down	A/Z
Cycle driving views	C
Horn; siren (pursuit car)	H
Reset car	R
Lay spike strip (pursuit car)	S
Lights On/Off /High beams	L
Look behind	B

## Additional Game Controls :



Action	Keyboard
Pause / resume race	Esc
Hide / reveal pause Menu	F1
Pan pause camera Left / Right	F2 / F4
Stop / resume Pause Camera Rotation	F3
Toggle On-screen gauges	F5
Toggle On-screen gauges (Player 2)	F6
Toggle rearview mirror	F7
Toggle music	F8
Toggle sound FX	F9
Reduce / expand windows	F11/F12
Cycle map option	Tab
Zoom map In/Out	+ / - (Keypad)





**4.2 POPULOUS : THE BEGINNING**

Action	Keyboard
In-game Menu	Esc
Pause	P
Encyclopaedia	F1
World View	Enter
Skip Flyby	Spacebar
Level status	S
Commandee Toggle-see Commandee Toggle Encyclopaedia section for more details	L
Zoom to Shaman	.
Zoom to Reincarnation Site	H
Zoom In / Out	+ / -
Adjust game speed	Shift + / Shift -
Quick Load - Press Y to confirm or N to cancel	F8
Quick Save -- Press Y to confirm or N to cancel	F9
Chat (multi-player only)	M

Action	Keyboard
Scroll forward / backward	⌘ ⬅ ⬆ ⬇ ➡ ➢ ➤ ➥ ➦ ➧ ➨ ➩ ➪ ➫ ➬ ➭ ➮ ➯ ➰ ➱ ➲ ➳ ➴ ➵ ➶ ➷ ➸ ➹ ➺ ➻ ➼ ➽ ➾ ➿
Scroll left / right	Ctrl ⌘ ⬅ ⬆ ⬇ ➡ ➢ ➤ ➥ ➦ ➧ ➨ ➩ ➪ ➫ ➬ ➭ ➮ ➯ ➰ ➱ ➲ ➳ ➴ ➵ ➶ ➷ ➸ ➹ ➺ ➻ ➼ ➽ ➾ ➿
Rotate left / right	⌘ ⬅ ⬆ ⬇ ➡ ➢ ➤ ➥ ➦ ➧ ➨ ➩ ➪ ➫ ➬ ➭ ➮ ➯ ➰ ➱ ➲ ➳ ➴ ➵ ➶ ➷ ➸ ➹ ➺ ➻ ➼ ➽ ➾ ➿
Scroll left / right / up /down	Move Mouse to edge of screen
Query	Right Mouse Button(on any object)
Allocate selected Followers to command group	Shift + 1, 2, 3, 4, 5, 6
Select command group	1, 2, 3, 4, 5, 6
Select multiple command groups(original command groups still preserved)	Ctrl + 1, 2, 3, 4, 5, 6
Zoom to and select command group	Alt + 1, 2, 3, 4, 5, 6
Set camera points	Shift + Z, X, C, V
Zoom to camera points	Z, X, C, V
Track Follower last commanded	
Track Angel of Death	

Followers and the followers panel :

Action	Keyboard
Multiple commands (up to eight)	Ctrl + Left Mouse Button (with selected Followers)
Force command	Shift + Left Mouse Button (with selected followers)
Toggle Autoselect for this one command	Alt + Left Mouse Button (with selected Followers)
Add Follower to selected group (even after giving group commands)	Ctrl + Left Mouse Button (on Followers)
Select previous group	Shift + Backspace
Guard Shaman	G (with select Followers)
Stop Followers guarding around Shaman	G (without any select Followers)
Create multiple patrol point (up to eight) Similar to selecting guard fires	Ctrl Alt (with selected Followers)
Select Follower	Left Mouse Button(on Follower)
Select 5 Follower	Ctrl +Left Mouse Button (on Follower Panel icon)
Select all follower	Shift +Left Mouse Button (on Follower Panel icon)
Release guarding Follower. See Guard Post Encyclopaedia section for more details	N

Spells and the spells panel :

Action	Keyboard
Cast spell multiple times	Ctrl + Left Mouse Button (with spell selected)
Toggle Autocast with this one command	Alt + Left Mouse Button (with spell selected)
Toggle on/off that spell	Right Mouse Button (on spell icon)
Toggle on/off that spell	Ctrl + Right Mouse Button (on spell icon)
Toggle on/off all spells except for the one selected	Shift + Right Mouse Button (on spell icon)

Buildings and the buildings panel :

Action	Keyboard
Place down multiple Plans	Ctrl + Left Mouse Button (with spell selected)
Delete Plan /Guard Post /Swamp	Shift + Right Mouse Button (on Plan/Guard Post)
Rotate building Plan/Zoom to Guard Tower with alarm	Backspace
Force one Follower from building	Shift + Left Mouse Button (on a building)
Send one selected Followers to nearest Buildings for the type selected	Shift +Left Mouse Button (with selected Followers on building icon)

Vehicles :

Action	Keyboard
Enter vehicle	Left Mouse Button (with selected Followers)
Force one Follower from vehicle	Shift + Left Mouse Button (on plan / vehicle)

Other :

Action	Keyboard
Ally with play in multi-play (other player must also do the same on your icon)	Shift + Left Mouse Button (on an Enemy Tribes Icon)
Read Pop –up Icon and zoom to target	Left Mouse Button (on Pop-up Icon)
Delete Pop-up Icon	Shift + Right Mouse Button (on Pop-up Icon)
Bring up the last pop up message received	Backspace

### 4.3 SUPERDIKE : WORLD CHAMPIONSHIP

MENU CONTROLS :

Action	Keyboard	Mouse
Option	i ð ÷	Move mouse cursor
Option	↑↓	Mouse left button
Preview page/exit	ESC	–
Next page	ENTER	–

DEFAULT RACING CONTROLS :

Action	Joystick	Keyboard
Accelerate	↑↑	↑
Brake	↓↓	↓
Left / right steer	←/→	←/→
Shift up/down	0/1	A/Z
Sit up	2	X
Look behind	3	
Pause	ESC	ESC

**4.4 FUTURE COP : L.A.P.D.**

Walker's Actions	Keyboard
Jog's Forward/Backward	Num.8/Num.5
Rotate's Left/Right	Num.4/Num.6
Fire's Gun	Spacebar
Fire's Heavy's Weapon	Alt
Fire's Special's Weapon	Ctrl
Jump	Z
Action	Num.2
Change's Target	Num.0
Jink's Left/Right	Num.7/Num.9
Transform's to's Hovercar	Num.0+Num.2
Walk's Forward/Backward	Num.0+Num.8/Num.5
Crouch	Num.0+Z
Short's Jink's Left/Right	Num.0+Num.7/Num.9
Map's Key	M
Camera's Key	Tab

Hovercar; Actions	Keyboard
Jog; Forward/Backward	Num.8/Num.5
Rotate; Left/Right	Num.4/Num.6
Fire; Gun	Spacebar
Fire; Heavy; Weapon	Alt
Fire; Special; Weapon	Ctrl
Brake	Z
Action	Num.2
Change; Target	Num.0
Jink; Left/Right	Num.7/Num.9
Transform; To; Walker	Num.0+Num.2
Map; Key	M
Camera; Key	Tab



**APPENDIX A: Resolutions and Color Depth Table****32MB SDRAM**

Resolutions	Color Depth (bpp)	Refresh Rate (Hz)
640 ; 480	8/16/32	240
800 ; 600	8/16/32	240
1024 ; 768	8/16/32	200/200/170
1152 ; 864	8/16/32	170/170/150
1280 ; 800	8/16/32	150/150/120
1280 ; 1024	8/16/32	150/150/120
1600 ; 900	8/16/32	120/120/85
1600 ; 1200	8/16/32	100/100/85
1920 ; 1080	8/16/32	100/100/75
1900 ; 1200	8/16/32	85/85/75
1920 ; 1440	8/16/32	75/75/60
2048 ; 1536	8/16	60/60