Finding Graphics Driver Information in Windows XP

At times, in may be necessary to find information about your system's graphics card, such as the driver version, video BIOS version, and the bus interface. This document explains how to locate this information about your ATI or NVIDIA graphics card through your system's Windows XP operating system in a workstation environment.

Finding information for graphics cards from other vendors is not covered; please visit the graphics card manufacturer's website for help finding additional information.

The illustrations in this document are for reference only and may not necessarily reflect the graphics card or driver in your system.

The driver information is found differently for ATI and NVIDIA drivers, but the starting commands are the same.

- 1. Right-click on the Windows Desktop and select Properties.
- 2. Click the **Settings** tab and then click the **Advanced** button from the Display Properties window.

OR

- 1. Click Start > Control Panel.
- 2. Depending on your Control Panel view,
 - a. for Category View, click the **Appearance and Themes > Display > Settings** (*tab*) **> Advanced** (*button*).
 - b. for Classic View, click **Display > Settings** (*tab*) > **Advanced** (*button*).

If an ATI device is installed, tabs with the red ATI logo are displayed.

hp p1230 color monitor and ATI FireGL V5100 Properties 🛛 😨 🔀
Color It Options It Rotation It Configuration It Advanced Settings General Adapter Monitor Troubleshoot Color Management It Displays Display If your screen resolution makes screen items too small to view comfortably, you can increase the DPI to compensate. To change font sizes only, click Cancel and go to the Appearance tab. DPI setting: Normal size (96 DPI) Item Section (96 dpi) Item Section (96 dpi)

If an NVIDIA device is installed, tabs with the green NVIDIA logo are displayed.

hp p1130 Color Monitor and NVIDIA Quadro FX 3400 [?] 🔀				
Color Management		🖉 🖉 Q(uadro FX 3400	
General	Adapter	Monitor	Troubleshoot	
Display If your screen resolution makes screen items too small to view comfortably, you can increase the DPI to compensate. To change font sizes only, click Cancel and go to the Appearance tab. <u>D</u> PI setting: Normal size (96 DPI) Normal size (96 dpi)				

ΑΤΙ

The window that displays the ATI device properties will have a title such as, "Plug and Play Monitor and ATI FireGL V5100 Properties." This title varies according to the graphics card installed and the number and type of monitors connected.

Example: Device Name: ATI FireGL V5100

- 1. Click the **ATI Options** tab to display and set the options for the graphics device.
- The Packaging Version identifies the driver version. The first group of digits ① is the version number, in this case, 8.06.2. The next group ② is the build date, in this case, 2004/08/19, or August 19, 2004. The final group ③ is an internal identification number.

hp p1230 color monitor and ATI FireGL V5100 Properties 🛛 😨 🔀
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Version Information ① ② ③ Packaging Version 8.06.2-040819a1-017569E ATI
Details

3. From the **Options** page, click the **Details** button to view other graphics hardware and driver information, such as, in this case, Bus Type: PCI Express x16 ① and BIOS Version: 009.004.001.017 ②.

TI FireGL V5100 Propertie	S	? 🛛
Details		
Item	Malua	
Graphics Card Manufacturer	ATI Technologies Inc.	
Graphics Chipset (ASIC)	ATI FireGL V5100	
Device ID	5551	
Vendor ID Subsustem ID	1002	
Subsystem Vendor ID	1002	≡
	501 F 40	
Bus Lype (1) Current Bus Setting	PUI Express x16 POI Express	
Current bus Setting		
BIOS Version (2)	009.004.001.017	
BIOS Part Number	113-A45701-103	
bius bale	00/20/04,11.20.10	
Memory Size	128 MB	
Memory Type	DDR1	
Primary Display	Yes	✓
< ■		>
	OK	

NVIDIA

The window that displays the NVIDIA device properties will have a title such as, "Plug and Play Monitor and NVIDIA Quadro FX 3400 Properties." This title varies according to the graphics card installed and the number and type of monitors connected.

Example: Device Name: NVIDIA Quadro FX 3400

- 1. Click the Quadro FX 3400 tab (varies by device installed).
- 2. The Driver version number is the last 4 digits of the file version, in the form vv.xx, in this case 66.70 0.
- 3. Other information, like BIOS Version and Bus Type are also displayed, in this case, BIOS: 5.40.02.17.04 ② and Bus: PCI Express x16 ③.

	hp p1130 Color Monitor and NVIDIA Quadro FX 3400 🕐 🔀			
	General Adapter Monitor Troubleshoot Color Management © Quadro FX 3400			
Quadro FX 3400 Niew Display Settings Multi-GPU Performance & Quality Settings OpenGL Settings Additional OpenGL Settings Direct3D Settings Color Correction Video Overlay Settings	Quadro FX Processor: Quadro FX 3400 IRQ: 16 BIOS: ② 5.40.02.17.04 Adapter information ③ PCI Express x16 Bus: ③ PCI Express x16 Memory: 256 MB			
Troubleshooting NVRotate Temperature Settings	System processor: Intel(R) Xeon(TM) CPU 3.40GHz DirectX version: DirectX 9.0 or better Driver version information			
Menu Editing	Filename Description Version nv4_disp.dll Display driver 6.14.10.6670 ① nv4_mini.sys Display driver miniport 6.14.10.6670 ① nvogInt.dll OpenGL installable client driver 6.14.10.6670 ② nvcpl.dll Display Properties extension 6.14.10.6670 ③			
	Additional Properties NVIDIA on the Internet >> OK Cancel Apply			

For more information, please review your system's Getting Started Guide and the Technical Reference Guide. For the latest information and updates, check the HP Workstations Technical Support <u>http://www.hp.com/support/workstations</u> website.