

### Overview

### Models

NVIDIA Quadro FX 570 256 MB PCIe Graphics Card

GR521AA

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### Introduction

NVIDIA Quadro FX 570 features entry-level 3D performance with 256 MB of fast video memory, and programmability at an entry-level price for professional CAD, DCC, and visualization applications.

NVIDIA Quadro entry level graphics cards deliver unmatched value. Featuring a revolutionary unified architecture, Quadro dynamically allocates geometry, shading, and compute processing power to deliver powerful Graphics Processing Unit performance, ready to tackle 3D modeling tasks with shading and other effects. With 256 MB of frame buffer memory, Quadro entry-level solutions are Microsoft® Vista® ready, and are certified on MCAD, DCC, and other professional applications. Two dual link DVI-I connectors enable high resolution signals to two large format displays.

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### Performance & Features

Features include an array of parallel vertex engines, fully programmable pixel pipelines, a high-speed graphics memory bus, and next-generation memory architecture:

- 256 MB 400MHz DDR2 SDRAM
  - DVI-I (dual-link) and DVI-I (dual-link)
  - Optimized for OpenGL® 2.1 and DirectX® 10 applications
  - Multi-display productivity
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### Compatibility

The NVIDIA Quadro FX 570 is supported on the following HP Personal Workstations: xw4550, xw4600, xw6600, xw8600 and xw9400.

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### Service and Support

The NVIDIA Quadro FX 570 has a one-year limited warranty or the remainder of the warranty of the HP product in which it is installed. Technical support is available seven days a week, 24 hours a day by phone, as well as online support forums. Parts and labor are available on-site within the next business day. Telephone support is available for parts diagnosis and installation. Certain restrictions and exclusions apply.

### Technical Specifications

<b>Form Factor</b>	ATX
<b>Bus Type</b>	PCI-Express x16
<b>Memory</b>	256 MB 400MHz DDR2 SDRAM unified frame buffer, Z-buffer and Texture storage
<b>Connectors</b>	DVI-I (dual-link) and DVI-I (dual-link)
<b>Maximum Resolution</b>	Dual integrated analog display controllers supporting up to two analog displays at 2048x1536 @ 85Hz on both displays or dual digital displays at 1920x1200 (single-link) and 3840x2400 (dual-link). NVIEW advanced multi-display desktop and application management seamlessly integrated into Microsoft® Windows®
<b>RAMDAC</b>	Integrated dual 400MHz
<b>Shading Architecture</b>	Fully programmable GPU (OpenGL 2.1/DirectX 10 class) Vertex/Pixel Shader 4.0 Shading Support (HLSL, GLSL, CgFX)
<b>Supported Graphics APIs</b>	OpenGL 2.1 & SM4.0 and DirectX10 Support
<b>Available Graphics Drivers</b>	Genuine Windows Vista Business (64-bit and 32-bit) Microsoft Windows XP Professional (64-bit and 32-bit) Red Hat Enterprise Linux(RHEL) WS3, WS4 & 5 Desktop/Workstation HP qualified drivers may be preloaded or available from the HP support Web site: <a href="http://welcome.hp.com/country/us/en/support.html">http://welcome.hp.com/country/us/en/support.html</a> Novell SUSE Linux Enterprise drivers may be obtained from: <a href="ftp://download.nvidia.com/novell">ftp://download.nvidia.com/novell</a> or <a href="http://www.nvidia.com">http://www.nvidia.com</a>
<b>High-Resolution Antialiasing</b>	PureVideo 2 engine supports AES 128-bit decryption GPU Computing (HW/SW including CUDA SDK) 3D Textures LightSpeed Memory Architecture II 128-bit color precision Hardware accelerated anti-aliased points and lines Hardware OpenGL overlay planes H/W accelerated pixel readback 3rd generation occlusion culling AA on scan-out
<b>CUDA™ Parallel Processor Cores</b>	PCA with ATX bracket, DVI to VGA converters, HDTV dongle, CD and manual.
<b>Power consumption</b>	<60 W

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