

Overview

Models

NVIDIA Quadro FX 330 PCI-Express graphics card kit.

PB332A

Includes: PCA with ATX bracket, VGA pigtail cable, CD and manual.

Optional Cable Kit:

DL139A

DMS-59 to Dual DVI Cable Kit for NVIDIA NVS series graphics cards.

Introduction

Designed for entry level professional 3D applications, the NVIDIA Quadro FX 330 delivers on value without compromising on quality, precision, performance, and programmability. The Quadro FX 330 provides all the Quadro FX family's advanced features, benefits and certifications on a wide set of CAD, DCC, and scientific visualization applications. The NVIDIA Quadro FX 330 features 64MB DDR memory, 64-bit memory interface and 3.2 GB/s memory bandwidth.

Performance & Features

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

- 64MB DDR graphics memory
 - High density, DMS-59, connector for dual digital (with optional cable) or analog displays
 - Pixel and vertex programmability
 - 128-bit precision graphics pipeline
 - 12-bit sub-pixel precision
 - Hardware overlays
 - Hardware accelerated antialiased points and lines
 - Two-sided lighting
 - Occlusion culling
 - Advanced full-scene antialiasing
 - Optimized and certified for OpenGL 1.5 and DirectX 9.0 applications
 - Multi-display productivity
 - Unified Driver Architecture
 - Low profile Form Factor
 - PCIe x16 bus
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Compatibility

The NVIDIA Quadro FX 330 is supported on the following HP Personal Workstations: xw4200, xw6200, xw8200.

Service and Support

The NVIDIA Quadro FX 330 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

Form Factor	Low profile with ATX bracket
Graphics Controller	NVIDIA NV37GL
Bus Type	PCI-Express x16
Memory	64 MB 200 MHz DDR SDRAM unified frame buffer, Z-buffer and Texture storage
Connectors	DMS-59 output supporting up to two analog or digital (with optional cable) displays
Multi-monitor support	Dual integrated analog display controllers supporting up to two analog displays at 2048 x1536 @ 60Hz or two digital displays at 1600x1200 @ 60Hz
RAMDAC	Dual 350 MHz integrated
Architecture features	64-bit memory interface 128-bit IEEE floating-point precision graphics pipeline 128-bit color precision 12-bit sub-pixel precision 4x FSAA at 1024x768 Hardware accelerated antialiased points and lines Hardware OpenGL overlay planes Hardware accelerated two-sided lighting Hardware accelerated clipping planes Hardware accelerated occlusion culling 3D volumetric texture support
Shading architecture	Fully programmable GPU Optimized compilers for Cg, OpenGL shading language, and Microsoft HLSL
Supported graphics APIs	OpenGL 1.5 DirectX 9.0
Available graphics drivers	HP-tested: Microsoft® Windows® XP, Windows 2000, and Linux HP qualified drivers may be preloaded or available from the HP support Web site: http://welcome.hp.com/country/us/eng/software_drivers.html .
Maximum Resolution	Dual DVI-I output with optional cable – drives dual digital displays at resolutions up to 1600x1200 @ 60Hz Internal 350MHz RAMDACs – drives dual analog displays up to 2048x1536 @ 60Hz each

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