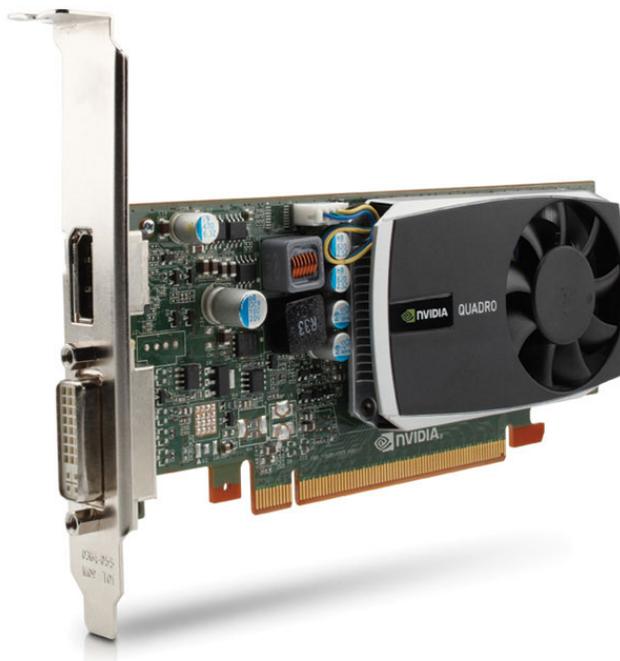


Overview



Models

NVIDIA Quadro 600 1GB Graphics Card

WS093AA

Introduction

The low-profile NVIDIA Quadro 600 is the newest entry-level professional graphics solution, delivering maximum productivity and flexibility for engineers and designers

Overview

Performance and Features

- Built For Professionals, Quadro 600 delivers best in class 3ds max and AutoCAD performance
 - Low profile design and ultra-efficient 40W maximum power allow Quadro 600 to be configured in a wide range of Small Form Factor and full height workstation chassis, while delivering the best performance per watt in its class
 - Configured with 1 GB of fast DDR3 memory, Quadro 600 enables professionals to interact with design models that are twice the size and complexity over previous entry-level solutions
 - The Quadro GPU Tessellation Engine for OpenGL 4.0 and DirectX11 with Shader Model 5.0 automatically generates finely detailed geometry for cinematic quality environments and scenes without sacrificing performance
 - The highest visual fidelity for the discerning designer and engineer is enabled by a rich, 30-bit color engine that produces vivid image quality with the broadest dynamic range of over one billion colors
 - Visual artifacts are dramatically reduced with up to 64X full-scene antialiasing (FSAA)
 - Robust NVIDIA drivers that increase application performance for ultimate investment protection
 - NVIDIA Panoramic Mode enables any application to seamlessly scale across multiple matching Quadro professional graphics boards and up to 8 high resolution displays without sacrificing performance. Whether the application is CATIA, 3dsMax or Microsoft Power Point, press the maximize button and it will seamlessly span across all displays
 - NVIDIA nView™ display management software allows users to spread their work across single or multiple high resolution displays through user friendly desktop and application management features
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Compatibility

Compatibility

The Quadro 600 is supported on the following HP Personal Workstations:

- Z800, Z600, Z400, Z210, Z210 SFF
 - Z820, Z620, Z420
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Service and Support

The NVIDIA Quadro 600 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	2.731" H x 6.6" L Single Slot Small Form Factor
Graphics Controller	NVIDIA Quadro 600 Graphics Card
Bus Type	PCI Express 2.0 x16
Memory	1 GB GDDR3 128-bit
Connectors	1 DVI-I output, 1 DisplayPort output One DP to DVI adapter included with card
	DVI to VGA, DisplayPort to VGA and DisplayPort to DVI adapters available as accessories
Maximum Resolution	DisplayPort (up to 2560 x 1600 @ 60Hz and 1920x1200 @ 120Hz) Dual-link DVI-I output (up to 2560 x 1600 @ 60Hz and 1920x1200 @ 120Hz)
Shading Architecture	Shader Model 5.0
Supported Graphics APIs	OpenGL 4.1 DirectX 11
	CUDA API support includes: CUDA C, CUDA C++, DirectCompute 5.0, OpenCL, Java, Python, and Fortran
Available Graphics Drivers	Genuine Windows 7 Professional (64-bit and 32-bit) Genuine Windows Vista Business (64-bit and 32-bit) Microsoft Windows XP Professional (64-bit and 32-bit) Red Hat Enterprise Linux (RHEL) 5 Desktop/Workstation (64-bit and 32-bit) Red Hat Enterprise Linux(RHEL) 6 Desktop/Workstation SUSE Linux Enterprise Desktop 11 (64-bit and 32-bit)
	HP qualified drivers may be preloaded or available from the HP support Web site: http://welcome.hp.com/country/us/en/support.html
	SUSE Linux Enterprise drivers may also be obtained from: ftp://download.nvidia.com/novell or http://www.nvidia.com
Power Consumption	40 Watts

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