PNY
Professional
Graphics Solutions

NVIDIA
QUADRO

NVIDIA® Quadro® 6000 by PNY Technologies®

Part #: VCQ6000-PB

World's First 6 GB Professional Graphics Solution

NVIDIA Quadro 6000 by PNY delivers the industry's largest 6 GB GDDR5 graphics memory. Built on the innovative NVIDIA Fermi architecture and providing 448 NVIDIA CUDA™ parallel processing cores, the Quadro 6000 delivers up to 5X faster performance across a broad range of design, animation and video applications.

Modern applications harness the latest NVIDIA® CUDA™ parallel processing architecture of Quadro GPUs to deliver performance gains up to 8X faster when running computationally intensive applications such as ray tracing, video processing and computational fluid dynamics. For high-precision, data-sensitive applications, Quadro is the only professional graphics solution with ECC memory and fast double precision capabilities to ensure the accuracy and fidelity of your results. From medical imaging to structural analysis applications, data integrity and precision is assured, without sacrificing performance.

Package includes:
• NVIDIA Quadro 6000 by PNY professional graphics board
• DVI to VGA adapter
• DisplayPort to DVI adapter
• Two auxiliary power connection cables
• Driver CD (Windows 7, Vista, XP) with PDF documentation
• Printed Quick Install Guide

PNY Advantage:
• 3 year warranty
• Support for NVIDIA Quadro by PNY in all system brands
• Pre-and post sales assistance
• Toll-free professional technical support
• Dedicated Field Application Engineers

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver CD and documentation to ensure a quick and successful install.

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Product Specifications:

GPU Memory	6 GB GDDR5
Memory Interface	384-bit
Memory Bandwidth	144 GB/sec
CUDA Parallel Processing Cores	448
ECC (Error Correcting Code)	Yes
High Performance Double Precision	Yes
Maximum Power Consumption	204 W
Physical Dimensions	4.376˝ (H) x 9.75˝ (L) Dual Slot
Display Connectors	DVI-DL (1), DP (2), Stereo (1)
Number of Displays Supported	2
DP	Yes
DVI	Yes
VGA	Yes
Graphics Bus	PCI Express 2.0 x16
Thermal Solution	Active
3D Vision Pro	Support via 3-pin mini DIN
G-Sync	Version Available
HD SDI Capture/Output	Version Available
Maximum Digital Resolution	2560 x 1600 @ 60Hz
APIs	DirectX 11, Open GL 4.0 and Shader Model 5.0
Support for	Microsoft Windows 7, Vista or XP (64-bit and 32-bit) Linux® (64-bit and 32-bit) Solaris®
Warranty	3 Year Warranty
PNY Part Number	VCQ6000-PB

* Note: With ECC on, a portion of the dedicated memory is used for ECC bits, so the available user memory is reduced by 12.5%. (e.g. 3 GB total memory yields 2.625 GB of user available memory.)

For more information visit: www.pny.com/quadro