



Professional Graphics by  
**PNY**



## NVIDIA® Quadro® 5000 by PNY Technologies®

VCQ5000-PB

### Ultra Fast Application Performance

Offering 2.5 GB of GDDR5 graphics memory, 352 NVIDIA CUDA™ parallel processing cores and built on the innovative Fermi architecture, the NVIDIA Quadro 5000 by PNY is a true technological breakthrough delivering ultra fast performance across a broad range of design, animation and video applications.

The NVIDIA Quadro 5000 by PNY graphics board significantly raises the bar for high performance visualization and computation providing Microsoft DirectX 11.0 and Shader Model 5.0 hardware acceleration, 2-way SLI support and the ability to drive a variety of display types including: CRTs, Digital Flat Panels, Projectors and HDTVs.

#### Package includes:

- NVIDIA Quadro 5000 by PNY professional graphics board
- DVI to VGA adapter
- DisplayPort to DVI adapter
- Auxiliary power connection cable
- 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.

#### PRODUCT SPECIFICATIONS:

GPU Memory	2.5 GB GDDR5
Memory Interface	320-bit
Memory Bandwidth	120 GB/sec
CUDA Parallel Processing Cores	352
ECC (Error Correcting Code)	Yes
High Performance Double Precision	Yes
Maximum Power Consumption	150 W
Physical Dimensions	4.376" (H) x 9.50" (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
Warranty	3 Year Warranty
PNY Part Number	VCQ5000-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](http://www.pny.com/quadro)

**PNY**  
Make Life Simple™

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