



NVIDIA® Quadro® K4000

VCQK4000-PB

Supercharged NVIDIA Kepler™ Architecture Performance for Graphics-Intensive Professional Workflows

The NVIDIA Quadro K4000 graphics board offers ultra-fast performance and visual quality enhancing technical innovations that take a wide range of leading professional applications to the next level of performance and fluid interactivity. You get 3GB of GDDR5 GPU memory, 768 SMX CUDA™ parallel processing cores, the ability to drive up to four simultaneous displays, and full Shader Model 5 compatibility; all in a single slot form factor requiring significantly less power than competing graphics products.

Designed and built specifically for professional workstations, NVIDIA Quadro GPUs power more than 200 professional applications across a broad range of industries including manufacturing, media and entertainment, sciences, and energy. Professionals trust them to realize their most ambitious visions – whether it's product design, visualization and simulation, or spectacular visual storytelling – and get results to market faster, more profitably, and with superior visual quality.

Package includes:

- NVIDIA Quadro K4000 professional graphics board
- Auxiliary power cable
- Stereo connector bracket
- DisplayPort to DVI-D SL adapter
- DVI-I to VGA adapter
- Driver DVD for Windows 8, 7, Vista, and XP SP3 (32- and 64-bit)
- Printed QuickStart Guide

PNY Advantage:

- 3 year warranty
- Support for NVIDIA Quadro in any system brand
- 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	3GB GDDR5
Memory Interface	192-bit
Memory Bandwidth	134.0GB/s
CUDA Cores	768
System Interface	PCI Express 2.0 x16
Maximum Power Consumption	80W
Auxiliary Power Required	Yes
Energy Star Enabling	Yes
Thermal Solution	Ultra-quiet active fansink
Form Factor	4.376" H x 9.50" L, Single Slot, Full Height
Display Connectors	DVI-I DL + DP 1.2 + DP 1.2
Stereo Connector	Yes, via supplied bracket
DisplayPort 1.2	Yes
DisplayPort with Audio	Yes
DVI-D Single-Link Connector	Via included adapter
VGA Support	Via included adapter
Number of Displays Supported	3 direct, 4 DP 1.2, 2 Win XP
Maximum DP 1.2 Resolution	3840 x 2160 at 60Hz
Maximum DVI-I DL Resolution	2560 x 1600 at 60Hz
Maximum DVI-I SL Resolution	1920 x 1200 at 60Hz
Maximum VGA Resolution	2048 x 1536 at 85Hz
HDCP Support	Yes
Graphics APIs	Shader Model 5.0, OpenGL 4.3, DirectX 11
Compute APIs	CUDA, DirectCompute, OpenCL
NVIEW	Yes
Mosaic Mode	Yes (Windows 7 and Linux)
NVIDIA 3D Vision Pro	Yes, via Stereo connector bracket
Warranty	3 Years
PNY Part Number	VCQK4000-PB

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