

# NVIDIA® Quadro® K2000D

## Part #: VCQK2000D-PB

UPC: 751492545073



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### Outstanding NVIDIA Kepler™ Architecture Performance Optimized for Medical Imaging Solutions and DVI Display Users

The NVIDIA Quadro K2000D graphics board offers the perfect blend of performance and the latest productivity enhancing technical innovations at a very reasonable cost for a wide range of leading professional applications. With two DVI-DL connectors, and the ability to drive a third DVI-SL display, the K2000D is an ideal choice for medical imaging 10 - or 12- bit grayscale displays. You also get 2GB of GDDR5 GPU memory, 384 SMX CUDA parallel processing cores, and full Shader Model 5 compatibility; all in a single slot form factor which requires no auxiliary power to deliver full performance.



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 demanding needs – whether it's product design, visualization and simulation, or medical and diagnostic imaging.

#### Package Includes:

- NVIDIA Quadro K2000D professional graphics board
- Locking mini-DisplayPort to DisplayPort adapter
- Locking 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	2GB GDDR5
Memory Interface	128-bit
Memory Bandwidth	64.0GB/s
CUDA Cores	384
System Interface	PCI Express 2.0 x16
Maximum Power Consumption	51W
Energy Star Enabling	Yes
Thermal Solution	Ultra-quiet active fansink
Form Factor	4.376" H × 7.97" L, Single Slot, Full Height
Display Connectors	DVI-I DL + DVI-D DL + Mini-DP 1.2
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 × 2160 at 60Hz
Maximum DVI-I DL Resolution	2560 × 1600 at 60Hz
Maximum DVI-I SL Resolution	1920 × 1200 at 60Hz
Maximum VGA Resolution	2048 × 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 USB port
Warranty	3 Years
PNY Part Number	VCQK2000D-PB

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