



## NVIDIA® Quadro® NVS™ 450 by PNY Technologies®

VCQ450NVS-X16-PB  
VCQ450NVS-X16-DVI-PB

### Quad Display Solution for Demanding Business Applications

Designed to simultaneously drive four high-resolution digital displays, the NVIDIA Quadro NVS 450 by PNY business graphics solution meets stringent performance and reliability requirements and is ideal for media-rich applications that display video or complex business graphics. Featuring NVIDIA NVIEW™ display management technology, the Quadro NVS 450 enables business users to maximize productivity through increased desktop real estate and advanced application management tools.

The NVS 450 is certified on leading business applications and meets the needs of today's most demanding business and enterprise environments, including: financial institutions, emergency call centers, digital signage systems, and other mission critical environments.

### NVIDIA Quadro NVS 450 by PNY Package Includes:

- NVIDIA Quadro NVS 450 by PNY graphics board
- Four DisplayPort connectors on standard height bracket
- Four DisplayPort to DVI-D SL adapters (PN VCQ450NVS-X16-DVI-PB)
- Driver CD for Windows 7, Vista, XP (32- and 64-bit)
- Printed QuickStart Guide
- PDF Installation Guide

### PNY Advantage:

- 3 year warranty
- Support for NVS 450 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:

CUDA Parallel Processor Cores	16   8 per GPU
Memory	512MB GDDR3   256MB per GPU
Memory Interface	128-bit   64-bit per GPU
Memory Bandwidth	22.4GB/s   11.2GB/s per GPU
Physical Dimensions	4.376" H x 6.60" L
Maximum Power Consumption	34W
Graphics Bus	PCI Express x16
Display Connector	Four DisplayPort
Number of Displays Supported	Four
Display Options	DisplayPort or DVI-D SL
Maximum DisplayPort Resolution	2560 x 1600 at 60Hz
Maximum DVI-D SL Resolution	1920 x 1200 at 60Hz
HDCP Support	Yes
Thermal Solution	Passive
Support for	Microsoft Windows 7, Vista, XP (32- or 4-bit), or Linux
Warranty	3 year warranty
PNY part number x16 DP	VCQ450NVS-X16-PB
PNY part number x16 DVI	VCQ450NVS-X16-DVI-PB

For more information visit: [www.pny.com/quadro](http://www.pny.com/quadro)



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