

nVIDIA®

Quadro® NVS

by PNY Technologies

200, 280, 400

Professional Graphics Solutions

CORPORATE WORKSTATION APPLICATIONS:

Financial Trading • Corporate Desktop • Multi Display



NVIDIA Quadro NVS by PNY

Proven Performance in Demanding Applications

Whether you are a business professional, Wall Street analyst, or a corporate desktop user, NVIDIA® Quadro® NVS by PNY® Graphics Solutions will enhance your productivity with multi-monitor functionality and superior graphics quality. Based on NVIDIA workstation graphics processing unit (GPU) technology, the NVIDIA Quadro NVS by PNY Professional Series provides end users with a selection of high-performance products designed to maximize productivity in a corporate and financial workstation environment, supporting up to four displays simultaneously, maximizing desktop real estate. NVIDIA Quadro NVS by PNY boards are easy to install and manage. For a totally immersive graphics experience, customize your environment with NVIDIA Quadro NVS by PNY – the results will astound you.



PROFESSIONAL FEATURES ENABLED

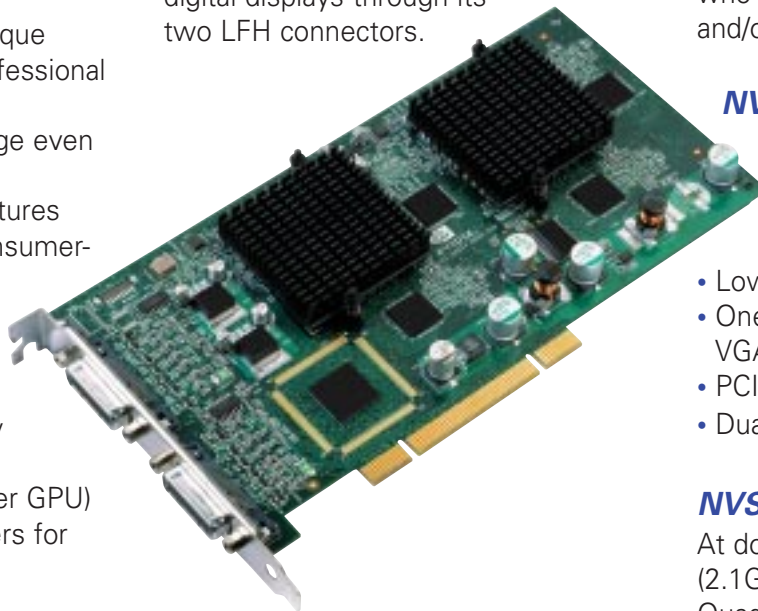
Not all graphics boards are created equal. NVIDIA Quadro NVS by PNY workstation boards are optimized for the corporate and financial environment. They have a unique hardware feature set that professional users need to boost system performance. They can manage even the most sophisticated 2D applications—performance features that are not available with consumer-grade graphics cards.

NVIDIA QUADRO NVS BY PNY Includes:

- NVIDIA nView™ Multi-display technology
- Dual 350MHz RAMDACs (per GPU)
- Integrated TMDS Transmitters for multi-digital support
- LFH connectors
- Unified Driver Architecture (UDA)
- Maximum resolution of 2048 x 1536 @ 75MHz
- Microsoft® DirectX® 8.1, OpenGL®1.3 Optimizations and Support
- Double the AGP bandwidth for increased application performance (NVIDIA Quadro NVS 280)

NVIDIA QUADRO NVS 400 BY PNY (PCI):

Powered by two state-of-the-art GPUs, the NVIDIA Quadro 400 NVS by PNY supports up to four analog and/or digital displays through its two LFH connectors.



NVS 400 (PCI) Includes:

- 64MB DDR SDRAM
- nView multi-display technology
- Supports up to four analog and/or digital displays
- Two LFH connectors
- PCI
- Dual 350 MHz RAMDACs

NVS 200 (PCI):

A low-profile, dual head workstation board that features a single high-density connector, which provides tremendous flexibility for professionals who require support for dual-analog and/or digital displays.

NVS 200 (PCI) Includes:

- 64MB SDRAM
- nView multi-display software
- Supports dual analog or dual digital displays
- Low-profile form factor
- One LFH connector supports dual VGA or dual DVI
- PCI
- Dual 350 MHz RAMDACs

NVS 280 (AGP 8X):

At double the bandwidth of AGP 4X (2.1GB/sec vs. 1.1GB/sec.), NVIDIA Quadro NVS 280 by PNY with AGP 8X provides superior performance in intense graphics applications. Designed to take full advantage of the Intel AGP 3.0 specification, AGP 8X drastically improves overall data throughput by off loading graphics operations from the CPU.

NVS 280 (AGP 8X) Includes:

- Double the bandwidth (2.1GB/sec.)
- Low-profile form factor
- 64MB SDRAM
- nView multi-display software
- Supports dual analog or dual digital displays
- One LFH connector supports dual VGA or dual DVI cables

PROFESSIONAL 2D CERTIFICATIONS

NVIDIA Quadro NVS by PNY workstation boards are fully certified for professional 2D applications. They are rigorously tested with a variety of leading software applications including:

Financial

Bloomberg
Reuters®
Tradestation
and many more....

Corporate

Hummingbird® Exceed
Lotus Notes
McAfee Virus Scan
Microsoft Office Suite
PC-Anywhere®
and many more....

SUPERIOR PERFORMANCE HIGHLIGHTS:

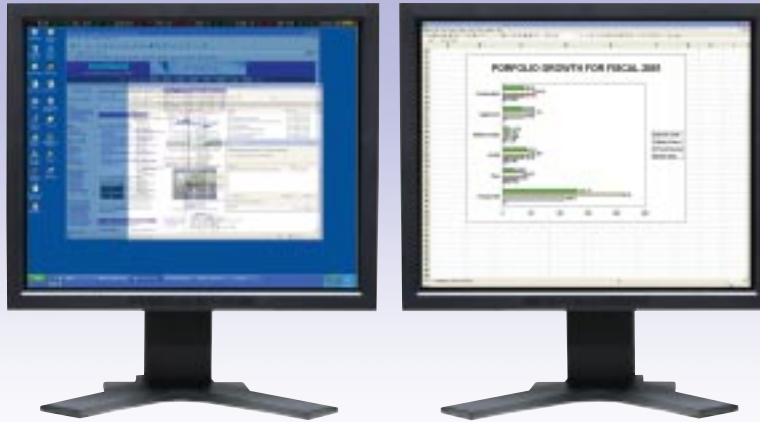
Unified Driver Architecture (UDA)

The NVIDIA UDA model allows a single graphics driver update to be applied across a mixed installation of NVIDIA products, reducing the burden on IT resources. UDA guarantees forward-and-backward software driver compatibility, simplifying future NVIDIA hardware upgrades resulting in performance enhancements throughout the product life cycle. Updated drivers can be downloaded from the PNY and NVIDIA websites.

nView Multi-Display Technology

nView multi-display functionality increases productivity by enabling professionals to customize their workspace with a combination of digital flat panel displays and analog monitors. nView delivers unprecedented stability, image quality and performance across multiple monitors, maximizing on-screen real

estate. Features such as smart Windows® management enhancements and the ability to name and save up to 32 desktop configurations make nView the most advanced, flexible, user-friendly multi-display management system available.



Low-Profile Form Factor

Enables support for small form factor systems.

VISIT THE PNY WEBSITE

WWW.PNY.COM/QUADRO

Information about the family of NVIDIA Quadro by PNY products is as close as your personal computer. You can access product and technical information. Download the latest

drivers. View a list of leading mail order houses, distributors and on-line channels that carry the NVIDIA Quadro by PNY line. These business partners can answer your questions about which product is best for your particular application.

MINIMUM SYSTEM REQUIREMENTS

- Pentium® III or AMD Athlon® class processor or higher
- One available PCI 1.0 compliant slot or better
- Windows® XP, 2000 or Windows® NT4.0 (Service Pack 5 or 6)
- 128MB system memory
- 20MB of available disk space for full installation
- CD-ROM or DVD-ROM drive
- VGA or DVI-I compatible monitor

WARRANTY

PNY offers a comprehensive three year warranty (one year standard plus two additional years) upon completion of a registration form on PNY's website.

NVIDIA Quadro NVS by PNY Specification Chart

	200 NVS (PCI) Low Profile	400 NVS (PCI)	280 NVS (AGP 8X) Low Profile
Memory	64MB	64MB	64MB
Memory type	SDRAM	DDR SDRAM	DDR SDRAM
Bus Connector	PCI	PCI	AGP 8X*
Outputs	LFH	DUAL LFH	LFH
Cables** (Included)	DMS-59 to Dual VGA	2 DMS-59 to Dual VGA	DMS-59 to Dual VGA
Max Displays	2	4	2
2D/3D	2D/3D	2D/3D	2D/3D
Programmability	No	No	No
RAMDAC	Dual 350MHz	Dual 350MHz	Dual 350MHz
Stereo Goggles	No	No	No
Warranty	3	3	3

** DMS-59 to dual DVI-I cable is also available for purchase

* Double the bus bandwidth vs AGP 4X

WORLD CLASS PERFORMANCE

PNY Technologies, Inc., an ISO 9000 registered company, is a world-class leader in computer memory upgrade modules (desktop, notebook & server), flash media (Compact Flash™, SmartMedia™, MMC™, SD™) and accessories, Verto® consumer graphics cards and NVIDIA Quadro® by PNY Professional Workstation Graphics Boards.

Since its inception in 1985 the company has earned a reputation as a leading supplier of top quality products for a wide range of computer and digital storage applications, and its memory products currently account for a majority share of all retail sales in the U.S. and Europe. In response to tremendous success in its core memory business, PNY continues to strategically expand the breadth of its product line to meet customer demand. PNY products are specified by consumers, original equipment manufacturers, add-in-card manufacturers and systems builders worldwide. The company has worked hard to earn a reputation for performance excellence in providing top quality, innovative solutions for everything in and around the computer.

Headquartered in Parsippany, NJ, PNY maintains facilities in North America (Parsippany, New Jersey and Santa Clara, California), Europe (France, Germany and the United Kingdom) and Asia. For additional information, please visit the PNY web site at www.pny.com



Professional Graphics Solutions

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