nVIDIA Quadro4 980 XGL

PNY Quadro4 980XGL

The standard for workstation graphics

The PNY Quadro4 980XGL AGP8x offers twice the bus bandwidth between the processor and the graphics card, increasing data throughout for graphically intense applications.

Manual	Comprehensive documentation in English, French and German
Installation Guide	English, German, French, Spanish, Dutch, Portuguese, Swedish
Driver&Software	on CD
Warranty	3 Years after registration
Support	via Hotline and Internet
Certifications	FCC, CE, BSMI, Microsoft WHQL
Article number	VCQ4980XGL-PB

Performance **			Hardware			Software			Multi-Display		
proe-01	ugs-01	3dsmax-01	Programmable GPU	Board Size	Graphics Interface	Professional Certifications	Unified driver	nView	Dual - Analog	Dual - Digital	Analog & Digital
21,6	20,2	17,3	✓	ATX	2x/4x/8x	✓	✓	✓	✓	✓	✓

** SPECviewperf® 7.0: for more information, please visit www.spec.org

The PNY Quadro4 980XGL is based on NVIDIA's new Quadro4 980XGL GPU. With the second-generation nfiniteFX processor, 128MB of unified memory, and its Lightspeed Memory Architecture II, this card delivers a previously unheard degree of realism even to complex animations. Two separate DVI-I displays jacks support resolutions up to 2 x 2048 x 1536 (analog) pixels to give you plenty of room to let your creativity run wild. Experts can make use of the popular OpenGL stereo support to create impressive presentations of their work that have an almost lifelike quality.

The included drivers, which are supported by all the major software suppliers, provide the ultimate workstation performance and features like stereoscopic display e.g. in 3ds max. NVIDIA's Unified Driver Architecture ensures that certifications, feature enhancements and performance tuning automatically benefit past and present Quadro products.

Technical Specifications

- Powered by NVIDIA® Quadro4™ 980XGL
- 128MB DDR SDRAM
- Lightspeed Memory Architecture™ II
- Dual nfiniteFX™ Vertex Shader - programmable second generation effects processor
- Resolution up to 2048 x 1536 at 75 Hz per display
- Flexible multi-screen solution with full 3D support
- Dual monitor connectors (VGA or DVI-I per included adapter)
- Advanced desktop management with nView™ technology
- OpenGL stereo connector for shutter glasses
- Unified Driver Architecture optimized for OpenGL and DirectX applications
- Includes MAXtreme, POWERdraft, and QuadroView software

Key Features:

- Hardware overlay planes
- Hardware antialiased lines
- Two-sided lighting
- Full-scene antialiasing
- 2nd-generation occlusion culling
- Lightspeed Memory Architecture (LMA) II
- Dual DVI-D support up to 2x1920x1200 pixels
- 2048x1536 per display (dual 350MHz RAMDACs)
- nfiniteFX II Engine

Professional Certifications

MCAD:

- Autodesk AutoCAD®
- Autodesk Inventor®
- Dassault CATIA®
- Solidworks®
- Co|Create™ SolidDesigner
- PTC® Pro/Engineer™ /3Dpaint™
- Bentley Microstation®
- Unigraphics®
- UGS® Solid Edge™
- SDRC I-DEAS® Master Series
- ESRI ArcInfo
- and many more...

DCC:

- Discreet® 3ds max
- SOFTIMAGE®|3D / XSI®
- Alias|Wavefront™ Maya® / StudioTools®
- Newtek Lightwave 3D™
- Side Effects Houdini®
- and many more...

Operating Systems

- Windows® XP (WHQL Certified)
- Windows® 2000 (WHQL Certified)
- Windows NT® (WHQL Certified)
- Windows® 95/98/Me
- Full OpenGL 1.4 Linux implementation