

NVIDIA QUADRO4 WORKSTATION SOLUTIONS

Product Linecard 02.02v01



Quadro4 XGL

		MEMORY	PRODUCT POSITIONING	PERFORMANCE			HARDWARE			SOFTWARE			MULTI-DISPLAY			VS. COMPETITION		PROFESSIONAL CERTIFICATIONS
				TRIANGLES/SEC.*	MedMCAD-01	ProCDRS-03	PROGRAMMABLE GPU	BOARD SIZE	GRAPHICS INTERFACE	PROFESSIONAL CERTIFICATIONS	UNIFIED DRIVER	nVIEW	DUAL-ANALOG	DUAL-DIGITAL	ANALOG & DIGITAL	REPLACES	Quadro4 XGL ADVANTAGE	
HIGH-END	Quadro™ 4 900 XGL	128MB DDR	Ultimate workstation performance and features	60 million	96 fps	103 fps	✓	ATX	AGP 4X	✓	✓	✓	✓	✓	✓	Wildcat™ III FireGL™ 4	<ul style="list-style-type: none"> 900 XGL beats Wildcat III and FireGL4 Winner of workstation performance crown 	CAD AutoCAD® CATIA® Microstation® Pro/Engineer® Solid Edge® SolidWorks® Unigraphics® UG/SDRC®
MID-RANGE	Quadro4 750 XGL	128MB DDR	Optimal blend of price, performance and features	54 million	89 fps	93 fps	✓	ATX	AGP 4X	✓	✓	✓	✓		✓	FireGL™ 2	<ul style="list-style-type: none"> 700 XGL beats FireGL4 and FireGL 8800 	DCC 3ds max® Lightwave® Maya® Softimage® StudioTools® and many others
	Quadro4 700 XGL	64MB DDR		54 million	89 fps	93 fps	✓	ATX	AGP 4X	✓	✓	✓	✓		✓	FireGL™ 8800		
ENTRY	Quadro4 550 XGL	64MB DDR	Fastest entry 3D workstation graphics performance	34 million	43 fps	49 fps		SFF**	AGP 4X	✓	✓	✓	✓	✓	✓	Oxygen™	<ul style="list-style-type: none"> Entry 500 XGL is 3x faster than Oxygen 550 XGL is faster than FireGL 8700 	
	Quadro4 500 XGL	64MB SDR		31 million	31 fps	34 fps		SFF	AGP 4X	✓	✓	✓	✓	✓	✓	FireGL™ 8700		

* As measured by SPECglperf® for the following conditions: Triangle Strip (CallList, RGB, 5 pixel, 3D, 64x64 RGB trilinear modulated texture, smooth, 1 inf light).

** Small Form Factor



Quadro4 NVS

				HARDWARE		SOFTWARE			MULTI-DISPLAY				VS. COMPETITION		PROFESSIONAL APPLICATIONS
		MEMORY	PRODUCT POSITIONING	BOARD SIZE	GRAPHICS INTERFACE	PROFESSIONAL APPLICATIONS	UNIFIED DRIVER	nVIEW	QUAD-ANALOG	QUAD-DIGITAL	DUAL-ANALOG	DUAL-DIGITAL	REPLACES	Quadro4 NVS ADVANTAGE	
QUAD DISPLAY	Quadro4 400 NVS	64MB DDR	Ultimate graphics for 2D power users that require four analog or digital displays from one board	PCI	PCI	✓	✓	✓	✓	✓	✓	✓	Matrox™ G200MMS Appian Jeronimo™ Pro/2000	<ul style="list-style-type: none">Dual 350MHz RAMDACs64MB of graphics memorynView multi-display software	Financial Bloomberg® Reuters® Non-Linear Editing Adobe® Avid® Discreet® Pinnacle®
DUAL DISPLAY	Quadro4 200 NVS	64MB SDR	Low profile multi-display board provides flexible dual-analog or dual-digital display support for 2D professionals	SFF	AGP 4X	✓	✓	✓			✓	✓	Matrox™ Millennium G450/550 ATI Radeon™ VE	<ul style="list-style-type: none">Dual 350MHz RAMDACs64MB of graphics memorynView multi-display softwareLow-profile form factor	EDA Avanti® Cadence® Mentor® Synopsys® and many others



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THE STANDARD FOR WORKSTATION GRAPHICS

Do you run professional
"workstation" applications?

Yes



Designed for professional **2D** applications such as:

- | | | |
|--|---|---|
| Financial Applications: | Video Applications/
Non-Linear Editing: | EDA Applications: |
| <ul style="list-style-type: none"> • Bloomberg • Reuters • etc. | <ul style="list-style-type: none"> • Adobe • Avid • Discreet • Pinnacle • etc. | <ul style="list-style-type: none"> • Avanti • Cadence • Mentor • Synopsys • etc. |

Designed for professional **3D** applications such as:

- | | |
|--|---|
| Mechanical Computer Aided Design
(MCAD): | Digital Content Creation (DCC): |
| <ul style="list-style-type: none"> • AutoDESK AutoCAD • Dassault CATIA and SolidWorks • PTC ProEngineer • Unigraphics/SDRC • etc. | <ul style="list-style-type: none"> • Discreet 3ds max • Alias Wavefront Maya • Softimage XSI • NewTek Lightwave • etc. |

The Professional Choice for Multi-Display Graphics



- Industry's highest performance professional 2D graphics solutions
- Support for analog and digital displays maximizes user investment
- Rock-solid hardware delivers crystal-clear images
- nView™ advanced multi-display desktop and application management software

Dual Display



**Quadro4
200 NVS**

Quad Display



**Quadro4
400 NVS**

The Standard for 3D Workstation Graphics



- 4th-generation Quadro architecture (Accelerated antialiased lines, hardware overlay planes, two-sided lighting and more)
- nView multi-display functionality
- Certified and optimized for all professional OpenGL® and DirectX® workstation applications

Entry

- Small Form Factor
- Flexible multi-display
- nView



**Quadro4
500 XGL**



**Quadro4
550 XGL**

Mid-Range

- Programmable Shaders
- VGA and DVI multi-display
- nView



**Quadro4
700 XGL**



**Quadro4
750 XGL**

High-End

- Programmable Shaders
- Dual DVI multi-display
- nView



**Quadro4
900 XGL**



NVIDIA offers a
complete line of
GeForce consumer
graphics solutions



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