REVOLUTIONARY VISUAL COMPUTING SOLUTIONS

NVIDIA® Quadro® Professional Solutions

NVIDIA® Quadro® FX Graphics Boards Feature:

- Unified architecture[1]
- Full 128-bit floating point precision pipeline
- 12-bit subpixel precision
- Support for Shader Model 3.0/4.0[1]
- Support for OpenGL 2.1[1]
- Support for DirectX9/10[1]

A Quantum Leap in Visual Computing

The **NVIDIA Quadro Plex** visual computing system (VCS) is designed to interface with industry-standard workstations and servers to deliver advanced visual computing scalability and remote graphics serving for the most demanding professional applications.

Integrated Graphics-to-Video Solution

The **NVIDIA Quadro SDI** solutions[2] deliver uncompressed 8-, 10-, or 12[1]-bit SDI enabling a direct connection to broadcast monitors, switchers, tape decks, or SDI projectors to fully integrated graphics-to-video out.

Revolutionizing Advanced Visualization

The **NVIDIA Quadro G-Sync**[2] delivers frame and genlock functionality to unprecedented levels of industrial realism, visualization, and collaborative capabilities.

			DISPLAY					PERFORMANCE			IMAGE QUALITY	FEATURES			OPTIONS	
		Model	Dual-Link DVI	# of Digital Outputs	# of Analog Outputs	Analog[3] and Digital	Maximum Display Resolution Digital @ 60Hz	Memory Size Total	Memory Bandwidth	Relative Performance Score[4]	FSAA (maximum)	Shader Model	NVIDIA® SLI™ Support	C Programming Environment	SDI Version	G-Sync Version
Quadro Plex	VISUAL COMPUTING SYSTEM	Model S4 (4 x Quadro FX 5600)	N/A	N/A	N/A	N/A	N/A	6 GB	76.8 GB/sec	[6]	64x	4.0	✓	✓	N/A	N/A
		Model IV (2 x Quadro FX 5600)	4	2	2	✓	2560 x 1600	3 GB	76.8 GB/sec	[6]	64x	4.0	✓	✓		II
		Model II (4 x Quadro FX 4500)	2	2	2	✓	2560 x 1600	2 GB	33.6 GB/sec	[6]	64x	3.0	✓			I
Quadro FX	ULTRA-HIGH END	Quadro FX 5600	2	2	2	✓	2560 x 1600	1.5 GB	76.8 GB/sec	58.66	32x	4.0	✓	✓	✓	II
		Quadro FX 5500	2	2	2	✓	2560 x 1600	1 GB	33.6 GB/sec	42.47	16x	3.0	✓		✓	I
		Quadro FX 4700 X2 (2 GPUs)	4	4	4	✓	2560 x 1600	2 GB	51.2 GB/sec	77.60	64x	4.0	✓	✓		II
		Quadro FX 4600	2	2	2	✓	2560 x 1600	768 MB	67.2 GB/sec	53.64	32x	4.0	✓	✓	✓	II
	HIGH-END	Quadro FX 3700	2	2	2	✓	2560 x 1600	512 MB	51.2 GB/sec	54.78	32x	4.0	✓	✓		
		Quadro FX 3500	2	2	2	✓	2560 x 1600	256 MB	42.2 GB/sec	33.64	12x	3.0	✓			
	MID-RANGE	Quadro FX 1700	2	2	2	✓	2560 x 1600	512 MB	12.8 GB/sec	41.89	32x	4.0		✓		
		Quadro FX 1500	2	2	2	✓	2560 x 1600	256 MB	40.0 GB/sec	27.29	8x	3.0				
	ENTRY-LEVEL	Quadro FX 570	2	2	2	✓	2560 x 1600	256 MB	12.8 GB/sec	32.75	16x	4.0		✓		
		Quadro FX 560	1	2	2	✓	2560 x 1600	128 MB	19.2 GB/sec	23.26	8x	3.0				
		Quadro FX 550		2	2	✓	1920 x 1200	128 MB	12.8 GB/sec	14.73	8x	3.0				
		Quadro FX 370	1	2	2	✓	2560 x 1600	256 MB	6.4 GB/sec	24.76	16x	4.0		✓		
	MOBILE	Quadro FX 3600M		2	2	✓	[5]	512 MB	51.2 GB/sec	[5]	32x	4.0		✓		
		Quadro FX 1600M		2	2	✓	[5]	512 MB	25.6 GB/sec	[5]	16x	4.0		✓		
		Quadro FX 570M		2	2	✓	[5]	256 MB	22.4 GB/sec	[5]	16x	4.0		✓		
		Quadro FX 360M		2	2	✓	[5]	256 MB	9.6 GB/sec	[5]	8x	4.0		✓		
Quadro NVS	QUAD DISPLAY	Quadro NVS 440 x16 or x1		4	4	✓	1920 x 1200	256 MB	8 GB/sec			3.0				
	DUAL DISPLAY	Quadro NVS 290 x16 or x1		2	2	✓	1920 x 1200	256 MB	6.4 GB/sec			4.0				
		Quadro NVS 285 x16 or x1		2	2	✓	1920 x 1200	128 MB	4.8 GB/sec			3.0				
		Quadro NVS 280 PCI		2	2	✓	1600 x 1200	64 MB	3.2 GB/sec			2.0				
	MOBILE	Quadro NVS 320M	1	2	2	✓	1600 x 1200	512 MB	22.4 GB/sec	[5]	16x	4.0				
		Quadro NVS 140M	1	2	2	✓	1600 x 1200	256 MB	9.6 GB/sec	[5]	8x	4.0				
		Quadro NVS 135M	1	2	2	✓	1600 x 1200	256 MB	9.6 GB/sec	[5]	8x	4.0				
		Quadro NVS 130M	1	2	2	✓	1600 x 1200	256 MB	9.6 GB/sec	[5]	8x	4.0				

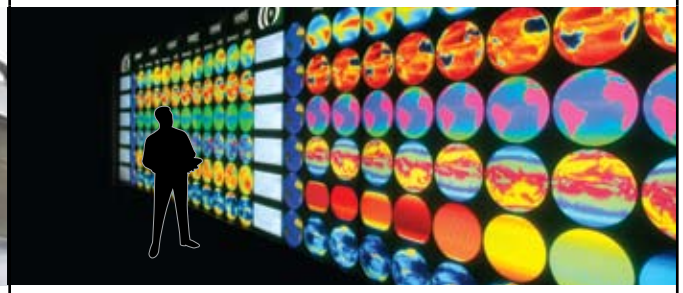
1 Available only on Quadro FX 5600, FX 4700 X2, FX 4600, FX 3700, FX 1700, FX 570, FX 370, FX 3600M, FX 1600M, FX 570M, FX 360M, NVS 290, Quadro Plex Model IV, and S4
2 Stand alone option card available for Quadro FX 5600, 5500, 4600 graphics boards only
3 Maximum Display Resolutions: Analog VGA- 2048 x 1536 @ 60Hz
4 Relative performance score represents the geometric mean of the viewperf viewsets and is intended to provide a relative performance difference. Application scaling may vary. SPECviewperf® 10 for more information visit **www.spec.org**.
5 Mobile Workstation performance and display support will vary by OEM; please see **www.spec.org** or OEM specifications for details.
6 Quadro Plex VCS performance and display support will vary by application. Please see **www.spec.org** for details.

Which NVIDIA GPU solution is best for my environment?

NVIDIA Tesla
High Performance Computing (HPC) Applications

NVIDIA Quadro
Professional Applications & Solutions

NVIDIA GeForce
Consumer/Entertainment Applications

PROFESSIONAL BUSINESS APPLICATIONS Display and Analytics	PROFESSIONAL 3D APPLICATIONS Design, Creation, Visualization	PROFESSIONAL INDUSTRY SOLUTIONS HD, Broadcast, Large Scale Visualization
QUADRO NVS The Standard for Business Graphics.	**QUADRO FX** The Definition of Performance. The Standard for Quality.	**QUADRO PLEX, SDI & G-SYNC** Architected for Industry Specific Solutions.
		
		

For more information on NVIDIA and NVIDIA Quadro products, visit **www.nvidia.com**

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