



FULL-THROTTLE GRAPHICS

WHY NVIDIA GEFORCE?

- 1 NVIDIA GeForce is the most stable, reliable, and recognized brand in graphics technology, and is the leading GPU of choice for both corporate and consumer computer users.
- 2 All NVIDIA GeForce GPUs are backed by the NVIDIA® ForceWare® unified driver architecture, ensuring the best out-of-box experience for every user. ForceWare delivers industry-leading graphics features; one driver for all products and continual performance and feature updates over the life of the product.
- 3 NVIDIA GeForce is a top-to-bottom solution, delivering a GPU for every user and every budget. From the PC gamer who craves the best graphics performance, to the mainstream digital media user, GeForce GPUs deliver.
- 4 NVIDIA invents and delivers industry-shaping technologies that revolutionize the end-user experience. Two of the latest innovations include NVIDIA® SLI™ and NVIDIA® PureVideo™ technologies.

NVIDIA CROSS-SELLING MATRIX

	SEGMENT	NVIDIA SOLUTION		REPLACES ATI BOARDS
PCI Express	Enthusiast	GeForce 7950 GX2	SLI-Ready*	
	Enthusiast	GeForce 7900 GTX	SLI-Ready	Radeon X1900 XT / Radeon X1900 XTX
	Enthusiast	GeForce 7900 GT	SLI-Ready	Radeon X1900 GT
	Performance	GeForce 7600 GT	SLI-Ready	Radeon X1600 XT
	Performance	GeForce 7600 GS	SLI-Ready	Radeon X1600 Pro
	Mainstream	GeForce 7300 GT	SLI-Ready**	Radeon X1300 Pro
	Mainstream	GeForce 7300 GS	SLI-Ready**	Radeon X1300 LE
	Mainstream	GeForce 7300 LE	SLI-Ready**	Radeon X1300 LE
	Mainstream	GeForce 6500		Radeon X550
	Value	GeForce 6200 TC/LE		Radeon X300 SE/HM
AGP 8X	Performance	GeForce 7800 GS		
	Performance	GeForce 6800 XT		
	Performance	GeForce 6600 GT		Radeon 9800 Pro / Radeon X1600 Pro
	Performance	GeForce 6600		Radeon 9600 XT
	Mainstream	GeForce 6600 LE		Radeon 9600 Pro
	Mainstream	GeForce 6200		Radeon 9600
	Value	GeForce FX 5500		Radeon 9550
	Value	GeForce FX 5200		Radeon 9550
	Value	GeForce MX 4000		Radeon 9200 / Radeon 9250



* SLI support will be provided through a future NVIDIA ForceWare driver release. See www.slizone.com for details.

** Requires ForceWare Release 90 drivers.

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QUICK GUIDE TO NVIDIA GEFORCE DESKTOP GRAPHICS PROCESSORS

GRAPHICS PROCESSING UNIT (GPU)			POWER OF 3 FEATURES AT A GLANCE											PERFORMANCE		SOFTWARE		
			NVIDIA SLI	Shader Model 3.0	High Dynamic-Range Lighting	Superscalar Architecture	PureVideo	Multi-Display Option	TurboCache (TC)	UltraShadow	Intellisample	CineFX Engine	Maximum Analog Resolution	Maximum Digital Resolution	Maximum Memory Configuration	Maximum Memory Bandwidth (per second)	Fill Rate (per second)	Driver/OS Support
IDEAL FOR																		
PCI Express	Enthusiast	GeForce 7950 GX2	Extreme Gamer, Power User, Multimedia Enthusiast	✓ ¹	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	2560x1600	1GB	76.8GB	24.0 billion texels
		GeForce 7900 GTX		✓	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	2560x1600	512MB	51.2GB	15.6 billion texels
		GeForce 7900 GT		✓	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	2560x1600	256MB	42.2GB	10.8 billion texels
	Performance	GeForce 7600 GT	Gamer, Casual Multimedia User	✓	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	2560x1600	256MB	22.4GB	6.7 billion texels
		GeForce 7600 GS		✓	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	2560x1600	256MB	12.8GB	4.8 billion texels
	Mainstream	GeForce 7300 GT	Business User, Casual Gamer, Home PC User	✓ ²	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	2560x1600	256MB	10.7GB	2.8 billion texels
		GeForce 7300 GS		✓ ²	✓	✓	✓	✓	✓	✓	2.0	4.0 ³	4.0	2048x1536	1920x1200	256MB	14.5GB ⁴	2.2 billion texels
		GeForce 7300 LE		✓ ²	✓	✓	✓	✓	✓	✓	2.0	4.0 ³	4.0	2048x1536	1920x1200	256MB	13.3GB ⁴	1.8 billion texels
		GeForce 6500		✓	✓	✓	✓	✓	✓	✓	2.0	3.0 ³	3.0	2048x1536	1920x1200	256MB	13.3GB ⁴	1.6 billion texels
	Value	GeForce 6200 TC/LE	Business User, Value PC Buyer	✓	✓	✓	✓	✓	✓	✓	2.0	3.0 ³	3.0	2048x1536	1920x1200	256MB	13.6GB ⁴	1.4 billion texels
AGP 8X	Performance	GeForce 7800 GS	Gamer, Casual Multimedia User	✓	✓	✓	✓	✓	✓	✓	2.0	4.0	4.0	2048x1536	1920x1200	256MB	38.4GB	6.0 billion texels
		GeForce 6800 XT		✓	✓	✓	✓	✓	✓	✓	2.0	3.0	3.0	2048x1536	1920x1200	256MB	22.4GB	2.4 billion texels
		GeForce 6600 GT		✓	✓	✓	✓	✓	✓	✓	2.0	3.0	3.0	2048x1536	1920x1200	256MB	14.4GB	4.0 billion texels
		GeForce 6600		✓	✓	✓	✓	✓	✓	✓	2.0	3.0	3.0	2048x1536	1920x1200	256MB	8.8GB	2.4 billion texels
	Mainstream	GeForce 6600 LE	Business User, Home PC User	✓	✓	✓	✓	✓	✓	✓	2.0	3.0	3.0	2048x1536	1920x1200	256MB	8.8GB	1.2 billion texels
		GeForce 6200		✓	✓	✓	✓	✓	✓	✓	2.0	3.0 ³	3.0	2048x1536	1920x1200	256MB	4.0GB	1.4 billion texels
	Value	GeForce FX 5500	Business User, Value PC Buyer	✓	✓	✓	✓	✓	✓	✓	✓	1.0	2048x1536	1920x1200	256MB	6.4GB	1.1 billion texels	
		GeForce FX 5200		✓	✓	✓	✓	✓	✓	✓	✓	1.0	2048x1536	1600x1200	256MB	6.4GB	1.0 billion texels	
		GeForce MX 4000		✓	✓	✓	✓	✓	✓	✓	✓	1.0	2048x1536	1600x1200	128MB	6.4GB	1.0 billion texels	

- ForceWare Unified Driver Architecture**
- Windows Vista x86
 - Windows Vista x64
 - Windows XP
 - Windows XP Professional x64
 - Windows Server 2003 x64
 - Windows Server 2003
 - Windows 2000
 - Windows NT 4.0
 - Windows 98
 - Windows Me
 - Linux 32-bit
 - Linux 64-bit
 - FreeBSD 32-bit
 - FreeBSD 64-bit
- 3D API Support**
- OpenGL 2.0
 - DirectX 9.0c

¹ SLI support will be provided through a future NVIDIA ForceWare driver release. See www.slizone.com for details.
² Requires ForceWare Release 90 drivers.
³ GeForce 7300 GS, 7300 LE, 6500, and 6200 TC/LE, models do not include compression technology.
⁴ NVIDIA® TurboCache™ technology shares the resources of dedicated video memory and dynamically available system memory for turbocharged performance and larger total graphics memory.



NVIDIA®

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