

NVIDIA GEFORCE DESKTOP GRAPHICS PROCESSOR



GPU	Ideal for	Featured Technologies							Features at a Glance						Performance		
		CUDA	PhysX™	NVIDIA SLI®	3D Vision™	PureVideo HD®	Multi-Display Option	DirectX	Unified Architecture	Processing Cores	Certified for Windows Vista	Lumenex Engine	Maximum Analog Resolution	Maximum Digital Resolution	Standard Memory Configuration	Max. Memory Bandwidth (per sec)	Texture Fill Rate (per sec)
PERFORMANCE																	
GeForce GTX 295	Extreme Gamer Power User Multimedia Enthusiast	✓	✓	Quad SLI	✓	✓	✓	10	✓	480	✓	✓	2048 x 1536	2560 x 1600	1.8GB	223.8GB	92.2 billion
GeForce GTX 285		✓	✓	3-Way	✓	✓	✓	10	✓	240	✓	✓	2048 x 1536	2560 x 1600	1GB	159.0GB	51.8 billion
MAINSTREAM																	
GeForce GTS 250	Gamer Multimedia User Casual Gamer	✓	✓	3-Way	✓	✓	✓	10	✓	128	✓	✓	2048 x 1536	2560 x 1600	512MB/ 1GB	70.4GB	47.2 billion
GeForce 9800 GT		✓	✓	✓	✓	✓	✓	10	✓	112	✓	✓	2048 x 1536	2560 x 1600	512MB	57.6GB	33.6 billion
VALUE																	
GeForce 9500 GT DDR2	Business User Casual Gamer Home PC User	✓	✓	✓		✓	✓	10	✓	32	✓	✓	2048 x 1536	2560 x 1600	512MB	16.0GB	8.8 billion
GeForce 9400 GT		✓				✓	✓	10	✓	16	✓	✓	2048 x 1536	2560 x 1600	512MB	12.8GB	4.4 billion

PCI EXPRESS

Why NVIDIA GeForce?

- » 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.
- » GeForce® GPUs with CUDA™ technology deliver Graphics Plus™. Experience world-class graphics on today's hottest games, bring your games to life with GPU accelerated NVIDIA PhysX™ gaming effects, immerse yourself in Stereoscopic 3D game play, transcode your videos up to 20x faster for your portable devices and edit digital images faster and smoother.
- » GeForce GPUs are backed by the NVIDIA® GeForce® unified driver architecture, ensuring the best out-of-box experience for every user. GeForce drivers deliver industry-leading graphics features; one driver for all products and continual performance and feature updates over the life of the product.
- » GeForce is a top-to-bottom solution, delivering GPUs for every user and every budget. From the PC gamer who craves the best graphic performance to the mainstream digital media user, GeForce GPUs provide the perfect solution. NVIDIA invents and delivers industryshaping technologies that revolutionize the end-user experience. The latest innovations include an NVIDIA unified architecture as well as NVIDIA SLI® and NVIDIA® PureVideo® HD technologies.
- » Supported Driver/Operating System
 - Windows Vista x86
 - Windows Vista x64
 - Windows XP
 - Windows XP Professional x64
 - Windows Server 2003 x64
 - Linux 32-bit
 - Linux 64-bit
 - FreeBSD 32-bit
 - FreeBSD 64-bit

1. Varies by Add-in-Card partner (Pure Video HD column)