

NVIDIA® GeForce® Desktop GPUs

		Featured Technologies							Features at a Glance						Performance			Software
Graphics Processing Unit (GPU)	Ideal for	CUDA	PhysX™	NVIDIA SLI®	3D Vision™	PureVideo HD®	Multi-Display Option	DirectX	Unified Architecture	Processing Cores	Certified for	LumenX Engine	Maximum Analog Resolution	Maximum Digital Resolution	Standard Memory Configuration	Maximum Memory Bandwidth (per second)	Texture Fill Rate (per second)	Driver/OS Support
PCI Express	GeForce GTX 295	✓	✓	Quad SLI	✓	✓	✓	10	✓	480	✓	✓	2048x1536	2560x1600	1.8GB	223.8GB	92.2 billion	GeForce Unified Driver Architecture - Windows 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
	GeForce GTX 285	✓	✓	3-way	✓	✓	✓	10	✓	240	✓	✓	2048x1536	2560x1600	1GB	159.0GB	51.8 billion	
	GeForce GTX 275	✓	✓	3-way	✓	✓	✓	10	✓	240	✓	✓	2048x1536	2560x1600	896MB	159.0GB	50.6 billion	
	GeForce GTX 260 (216 Core)	✓	✓	3-way	✓	✓	✓	10	✓	216	✓	✓	2048x1536	2560x1600	896MB	111.9GB	41.5 billion	
	GeForce GTS 250	✓	✓	3-way	✓	✓	✓	10	✓	128	✓	✓	2048x1536	2560x1600	512MB/1GB	70.4GB	47.2 billion	
	GeForce 9800 GT	✓	✓	✓	✓	✓	✓	10	✓	112	✓	✓	2048x1536	2560x1600	512MB	57.6GB	33.6 billion	
	GeForce 9600 GT	✓	✓	✓	✓	✓	✓	10	✓	64	✓	✓	2048x1536	2560x1600	512MB	57.6GB	20.8 billion	
	GeForce 9600 GSO 512	✓	✓	✓	✓	✓	✓	10	✓	64	✓	✓	2048x1536	2560x1600	512MB	57.6GB	15.6 billion	
	GeForce 9500 GT GDDR3	✓	✓	✓	✓	✓	✓	10	✓	32	✓	✓	2048x1536	2560x1600	256/512MB	25.6GB	8.8 billion	
	GeForce 9500 GT DDR2	✓	✓	✓	✓	✓	✓	10	✓	32	✓	✓	2048x1536	2560x1600	512MB	16.0GB	8.8 billion	
	GeForce 9400 GT	✓	✓	✓	✓	✓	✓	10	✓	16	✓	✓	2048x1536	2560x1600	512MB	12.8GB	4.4 billion	
	GeForce 8400 GS	✓	✓	✓	✓	✓	✓	10	✓	8	✓	✓	2048x1536	1920x1200	256MB	6.4GB	3.6 billion	

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

NVIDIA® GeForce® Notebook GPUs

		Top Features					Performance				Hybrid Graphics		GPU Specs		Software
Graphics Processing Unit (GPU)	Ideal for	CUDA™	PhysX™	NVIDIA SLI®	PureVideo HD	DirectX 10	Performance (vs Integrated ¹)	Processor Cores	Compute Gigaflops	Video Transcode (vs CPU)	Hybrid Power	GeForce Boost	Processor Clock (MHz)	Memory Width	Driver/OS Support
GeForce 100 & 200 Series	GeForce GTX 280M	✓	✓	✓	✓	✓	~ 60x	128	562	20x	✓		1463	256	GeForce Unified Driver Architecture - 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 - Adobe CS4 photo, video editing acceleration - DX11 Compute, Open CL
	GeForce GTX 260M	✓	✓	✓	✓	✓		112	462		✓		1375	256	
	GeForce GTS 160M	✓	✓	✓	✓	✓	~ 40x	64	288	15x	✓		1500	256	
	GeForce GTS 150M	✓	✓	✓	✓	✓		64	192		✓		1000	256	
	GeForce GT 130M	✓	✓	✓	✓	✓	~ 20x	32	144	10x	✓		1500	128	
	GeForce GT 120M	✓	✓	✓	✓	✓		32	110		✓		1150	128	
	GeForce G110M	✓	✓	✓	✓	✓	~ 5x	16	48	4x	✓	✓	1000	64	
	GeForce G105M	✓	✓	✓	✓	✓		8	38		✓	✓	1500	64	
GeForce G102M	✓	✓	✓	✓	✓	16		48				1000	64		
GeForce 9M Series	GeForce 9800M GTX	✓	✓	✓	✓	✓	~ 60x	112	420	20x	✓	✓	1250	256	GeForce Unified Driver Architecture - 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 - Adobe CS4 photo, video editing acceleration - DX11 Compute, Open CL
	GeForce 9800M GT	✓	✓	✓	✓	✓		96	360		✓	✓	1250	256	
	GeForce 9800M GTS	✓	✓	✓	✓	✓	~ 40x	64	288	15x	✓	✓	1500	256	
	GeForce 9800M GS	✓	✓	✓	✓	✓		64	254		✓	✓	1300	256	
	GeForce 9700M GTS	✓	✓	✓	✓	✓	~ 40x	48	187	15x	✓	✓	1300	256	
	GeForce 9700M GT	✓	✓	✓	✓	✓		32	144		✓		1500	128	
	GeForce 9650M GT	✓	✓	✓	✓	✓	~ 20x	32	132	10x	✓		1375	128	
	GeForce 9650M GS	✓	✓	✓	✓	✓		32	132		✓		1375	128	
	GeForce 9600M GT	✓	✓	✓	✓	✓		32	120		✓		1250	128	
	GeForce 9600M GS	✓	✓	✓	✓	✓		32	103		✓		1075	128	
	GeForce 9500M GS	✓	✓	✓	✓	✓	~ 5x	32	96	4x	✓		1000	128	
	GeForce 9500M G	✓	✓	✓	✓	✓		16	60		✓		1250	128	
	GeForce 9400M G	✓	✓	✓	✓	✓		16	53		✓	✓	1100	128	
	GeForce 9300M GS	✓	✓	✓	✓	✓		8	32		✓	✓	1300	64	
GeForce 9300M G	✓	✓	✓	✓	✓	8		32	✓		✓	1300	64		
GeForce 9200M GS	✓	✓	✓	✓	✓	8		30	✓		✓	1250	64		
GeForce 9100M G	✓	✓	✓	✓	✓	~ 3x	8	26	✓	✓	1100	128			

1. 3DMark Vantage, vs Centrino 2 (Intel Integrated 4500HD). 2. Badaboom, transcode 720p movie to iPhone, vs Intel C2D 2.0GHz using iTunes.