



# 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 7900 GTX	SLI-Ready	Radeon X1900 XT
	Enthusiast	GeForce 7900 GT	SLI-Ready	Radeon X1800 XL
	Performance	GeForce 7600 GT	SLI-Ready	Radeon X1600 XT
	Performance	GeForce 7600 GS	SLI-Ready	Radeon X1600 Pro
	Mainstream	GeForce 6600 (DDR2)	SLI-Ready	Radeon X1300 Pro
	Mainstream	GeForce 6600 LE	SLI-Ready	Radeon X1300
	Mainstream	GeForce 7300 GS		Radeon X1300 LE
	Mainstream	GeForce 7300 LE		Radeon X1300 LE
	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
	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

**SIGN UP FOR THE NVIDIA CHANNEL PROGRAM**  
[www.nvidia.co.uk/channelpartners](http://www.nvidia.co.uk/channelpartners)



# QUICK GUIDE TO NVIDIA GEFORCE DESKTOP GRAPHICS PROCESSORS

				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 (MB)	Maximum Memory Bandwidth (per second)	Fill Rate (per second)	Driver/OS Support
GRAPHICS PROCESSING UNIT(GPU)			IDEAL FOR																
PCI Express	Enthusiast	GeForce 7900 GTX	Extreme Gamer, Power User, Multimedia Enthusiast	✓	✓	✓	✓	✓	✓		2.0	4.0	4.0	2048x1536	2560x1600	512	51.2GB	15.6 billion texels	<b>Forceware Unified Driver Architecture</b> <ul style="list-style-type: none"><li>• Windows Vista x86</li><li>• Windows Vista x64</li><li>• Windows XP</li><li>• Windows XP Professional x64</li><li>• Windows Server 2003 x64</li><li>• Windows Server 2003</li><li>• Windows 2000</li><li>• Windows NT 4.0</li><li>• Windows 98</li><li>• Windows Me</li><li>• Linux 32-bit</li><li>• Linux 64-bit</li><li>• FreeBSD 32-bit</li><li>• FreeBSD 64-bit</li></ul>
		GeForce 7900 GT		✓	✓	✓	✓	✓	✓		2.0	4.0	4.0	2048x1536	2560x1600	256	42.2GB	10.8 billion texels	
	Performance	GeForce 7600 GT	✓	✓	✓	✓	✓	✓		2.0	4.0	4.0	2048x1536	2560x1600	256	22.4GB	6.7 billion texels		
		GeForce 7600 GS	✓	✓	✓	✓	✓	✓		2.0	4.0	4.0	2048x1536	2560x1600	256	12.8GB	4.8 billion texels		
	Mainstream	GeForce 6600 (DDR2)	✓	✓	✓	✓	✓	✓		2.0	3.0	3.0	2048x1536	1920x1200	256	12.8GB	2.8 billion texels		
		GeForce 6600 LE	✓	✓	✓	✓	✓	✓		2.0	3.0	3.0	2048x1536	1920x1200	256	8.8GB	1.2 billion texels		
		GeForce 7300 GS		✓	✓	✓	✓	✓	✓	2.0	4.0*	4.0	2048x1536	1920x1200	256	14.5GB**	2.2 billion texels		
		GeForce 7300 LE		✓	✓	✓	✓	✓	✓	2.0	4.0*	4.0	2048x1536	1920x1200	256	13.3GB**	1.8 billion texels		
	Value	GeForce 6200 TC/LE	Business User, Value PC Buyer		✓		✓	✓	✓	✓	2.0	3.0*	3.0	2048x1536	1920x1200	256	13.6GB**	1.4 billion texels	
	AGP 8X	Performance	GeForce 7800 GS	Gamer, Casual Multimedia User		✓	✓	✓	✓	✓		2.0	4.0	4.0	2048x1536	1920x1200	256	38.4GB**	
GeForce 6800 XT					✓	✓	✓	✓	✓		2.0	3.0	3.0	2048x1536	1920x1200	256	22.4GB	2.4 billion texels	
GeForce 6600 GT					✓	✓	✓	✓	✓		2.0	3.0	3.0	2048x1536	1920x1200	256	14.4GB**	4.0 billion texels	
GeForce 6600					✓	✓	✓	✓	✓		2.0	3.0	3.0	2048x1536	1920x1200	256	8.8GB	2.4 billion texels	
Mainstream		GeForce 6600 LE	Business User, Home PC User		✓	✓	✓	✓	✓		2.0	3.0	3.0	2048x1536	1920x1200	256	8.8GB	1.2 billion texels	
		GeForce 6200			✓				✓		2.0	3.0*	3.0	2048x1536	1920x1200	256	4.0GB	1.4 billion texels	
Value		GeForce FX 5500	Business User, Value PC Buyer						✓				1.0	2048x1536	1920x1200	256	6.4GB	1.1 billion texels	
		GeForce FX 5200							✓				1.0	2048x1536	1600x1200	256	6.4GB	1.0 billion texels	
		GeForce MX 4000							✓					2048x1536	1600x1200	128	6.4GB	1.0 billion texels	



NVIDIA

\* GeForce 7300 GS, 7300 LE, 6500, and 6200 TC/LE, models do not include compression technology.

\*\* NVIDIA® TurboCache™ technology shares the resources of dedicated video memory and dynamically available system memory for turbocharged performance and larger total graphics memory.

**NVIDIA LTD** | 2/F, Building 1310 Arlington Business Park - Theale, Reading, Berkshire, RG7 4SA | **T** +44 (118) 903 3000 | **F** +44 (118) 930 56 91 | <http://eu.nvidia.com>

© 2006 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, ForceWare, PureVideo, UltraShadow, CineFX, NVIDIA SLI, Intellisample, and TurboCache are trademarks and/or registered trademarks of NVIDIA Corporation. The NVIDIA Luna demo image is © 2005 by NVIDIA Corporation. All rights reserved. All company and product names may be trademarks or registered trademarks of the respective owners with which they are associated. Features, pricing, availability, and specifications are subject to change without notice.