Build the Best Desktop PC
With NVIDIA nForce for AMD

NVIDIA® SLI™ Technology

- The combination of NVIDIA nForce® MCPs and GeForce® GPUs deliver the ultimate PC gaming experience
- Revolutionary platform innovation that allows users to intelligently scale graphics performance by combining multiple NVIDIA graphics solutions
- SLI-certified components deliver unmatched performance and compatibility with NVIDIA nForce based motherboards

Performance

- ESA-certified components and applications bring you unprecedented control to monitor and tune your PC performance
- NVIDIA Control Panel utility gives you access to BIOS level settings directly from Microsoft Windows to quickly optimize PC performance
- SLI-Ready memory with EPP increases the bandwidth of memory buses with select third party components with one click implementation

Storage

- Confidently store and protect priceless digital media files with NVIDIA MediaShield™ technology
- Support for multiple SATA 3Gb/s drives
- Reliable, accessible, scalable, and easy to manage

Advanced Networking

- Native Gigabit Ethernet solution with low CPU utilization
- NVIDIA DualNet® technology includes teaming and TCP/IP acceleration for greater bandwidth and better system performance
- Prioritize important network traffic with NVIDIA FirstPacket™ technology

			Graphics Interface				CPU			Performance Tuning Tools			Memory		Mediashield Storage			OS	Audio	Advanced Networking	
	Product	Ideal for	NVIDIA SLI™ Technology	NVIDIA SLI Configuration	Advanced Bus Support	PCI Express® 2.0	Processor Supported	Socket Supported	HT Speed	ESA-Certified	NVIDIA Control Panel Utility	NVIDIA System Monitor	DDR Support	Optimized NVIDIA SLI-Ready Memory	SATA/PATA Drive Support	SATA	Supported RAID Configurations	Microsoft® Windows® Vista™ Capable	Audio Specification	Native Ethernet Connections	NVIDIA FirstPacket™ Technology
NVIDIA nForce 700a Series	NVIDIA nForce 780a SLI	**Enthusiast**	✓	3-way	16, 8, 8, 1, 1, 1, 1, 1, 1, 1, 1, 1	✓	Phenom, Athlon 64 FX, Athlon 64 X2, Athlon 64	AM2+	2.6GHz HT3	✓	✓	✓	DDR2	✓	6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	10/100/1000	✓
	NVIDIA nForce 750a SLI	**Performance**	✓	2-way (2x8)	16, 16, 8, 8, 1, 1, 1, 1, 1, 1, 1, 1	✓	Phenom, Athlon 64 FX, Athlon 64 X2, Athlon 64	AM2+	2.6GHz HT3		✓	✓	DDR2	✓	6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	10/100/1000	✓
NVIDIA nForce 500 Series	NVIDIA nForce 590 SLI	**Enthusiast**	✓	2-way (2x16)	16, 16, 8, 1, 1, 1, 1, 1, 1		Athlon 64 FX, Athlon 64 X2, Athlon 64	AM2	1GHz Hypertransport		✓		DDR2	✓	6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	2x 10/100/1000	✓
	NVIDIA nForce 570 SLI	**Performance**	✓	2-way (2x8)	16, 8, 1, 1, 1, 1		Athlon 64 X2, Athlon 64	AM2	1GHz Hypertransport		✓		DDR2		6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	2x 10/100/1000	✓
	NVIDIA nForce 570 LT SLI	**Performance**	✓	2-way (2x8)	16, 8, 1, 1		Athlon 64 X2, Athlon 64	AM2	1GHz Hypertransport		✓		DDR2		4/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	2x 10/100/1000	✓
	NVIDIA nForce 560	**Mainstream**			16, 1, 1, 1		Athlon 64 X2, Athlon 64, Sempron	AM2	1GHz Hypertransport		✓		DDR2		4/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	10/100/1000	✓
	NVIDIA nForce 520	**Mainstream**			16, 1, 1, 1		Athlon 64 X2, Athlon 64, Sempron	AM2	1GHz Hypertransport		✓		DDR2		4/2	3Gb/s	0, 1, 0+1	✓	HDA	10/100	
	NVIDIA nForce 520 LE	**Value**			16, 1, 1		Athlon 64 X2, Athlon 64, Sempron	AM2	1GHz Hypertransport		✓		DDR2		2/2	3Gb/s	0, 1	✓	HDA	10/100	

* Features vary by product and motherboard design. Please confirm actual specs with your motherboard manufacturer

NVIDIA nForce Features and Benefits* for AMD

	Features	Benefits
Graphics Interface	NVIDIA® SLI™ Technology	NVIDIA SLI technology is a revolutionary platform innovation that allows users to intelligently scale graphics performance by combining multiple NVIDIA graphics solutions in a single system with an NVIDIA nForce® SLI MCP
	NVIDIA SLI Configuration	Full-bandwidth 16-lane PCI Express links ensure maximum graphics performance for next-generation GPUs and games. Offers twice the PCI Express bandwidth of x8 solutions
	PCI Express® 2.0	Offers a future-proofing bridge to tomorrow's most bandwidth-hungry games and 3D applications by maximizing 5 GT/s of bandwidth (twice that of first generation PCI Express) and is fully backwards compatible with existing PCI Express products
Performance Tuning Tools and Software	ESA Certified	ESA-certified components and applications provide real-time and complete PC performance management, bringing you unprecedented control to manage and tune thermal, electrical, acoustic and operating characteristics to maximize your PC's performance.
	NVIDIA Control Panel Utility	Access, monitor, and dynamically adjust crucial system components including CPU temperatures, voltages, bus speeds, and CPU core speed in real time with clear, user-friendly control panel
	NVIDIA System Monitor	NVIDIA System Monitor allows you to seamlessly monitor PC characteristics in an intuitive and customizable 3D environment
Memory	DDR2 Support	The latest memory standard supported by AMD socket AM2 processors
	NVIDIA SLI-Ready Memory with EPP	SLI-Ready memory with EPP increases the bandwidth of memory buses with select third party components with one click implementation
Storage	NVIDIA® MediaShield™ Storage Technology	Suite of features that safeguards your most important digital media assets, including: - Multiple Disk Setup: Simple point and click wizard-based interface for RAID 0, 1, 0+1, or 5 across SATA devices - DiskAlert System: identifies the specific disk in the event of a failure - RAID Morphing: ability to change from one supported RAID configuration to another - Bootable RAID Array: supports the use of multi-disk configurations for loading the operating system at power-up
	SATA 3Gb/sec. with NCQ	Blazingly fast disk performance with the latest SATA 3Gb/s. hard disk drives with full support for native and tagged command queuing and hot plug
	Parallel Ultra ATA-133	Dual-channel ATA interface capable of a maximum data transfer rate of 133 Mbps per channel
OS support	Microsoft® Windows® Vista™ Capable	NVIDIA nForce-based motherboards are perfect for Microsoft Windows Vista when coupled with an NVIDIA GeForce® graphics processing unit and 512MB of system memory
Audio	High Definition Audio (HDA)	Features 32-bit, 192kHz quality for eight channels
Connectivity	USB 2.0	Connect to a variety of digital devices including mice, keyboards, game controllers, digital cameras, and digital camcorders
Networking	NVIDIA Native Gigabit Ethernet	The industry's fastest Gigabit Ethernet performance eliminates network bottlenecks and improves overall system efficiency and performance
	NVIDIA FirstPacket™ Technology	Assures your game data, VoIP conversations, and large file transfers are delivered according to your set preferences. Lowers your ping time for improved online gaming
	NVIDIA DualNet® technology	- Two Gigabit Ethernet MACs with TCP/IP acceleration - Teaming: allows two connections to work together to provide up to twice the Ethernet bandwidth for large data transfers from file servers to other PCs. It also provides network redundancy through fail-over capability
	TCP/IP Acceleration	Delivers the highest system performance by offloading CPU-intensive packet filtering tasks in hardware, providing users with a fast networking environment

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•For more information on NVIDIA and NVIDIA nForce products, visit www.nvidia.com