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

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

Performance
- NVIDIA nTune™ utility gives you access to BIOS level settings directly from Microsoft Windows
- Quickly optimize PC performance with automatic tuning
- Select SLI-Ready memory and other components have been optimized for great performance and reliability with NVIDIA nForce-based motherboards

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

			CPU			Graphics Interface		Memory		Mediashield Storage			OS	Audio	Performance Tuning		Advanced Networking			
	Product	Ideal for	Recommended Processor	Socket Supported	1GHz Hypertransport FSB Speed	PCI Express® Advanced Bus Support	NVIDIA SLI™ Technology	DDR Support	NVIDIA SLI-Ready Memory	SATA/PATA Drive Support	SATA	Supported RAID Configurations	Microsoft® Windows® Vista™ Capable	Audio Specification	Enthusiast BIOS	NVIDIA nTune™ Utility	Native Ethernet Connections	NVIDIA FirstPacket™ Technology	NVIDIA DualNet® Technology	TCP/IP Acceleration
NVIDIA nForce 600a Series	NVIDIA nForce 680a SLI	**Multimedia Enthusiast**	Athlon 64 FX	L1 / 1207	✓	16, 16, 8, 8, 1, 1, 1, 1, 1, 1, 1, 1	SLI x16	DDR2	✓	12/4	3Gb/s	0, 1, 0+1, 5, JBOD	✓	HDA 7.1	✓	✓	4x** 10/100/1000	✓	✓	✓
NVIDIA nForce 500 Series	NVIDIA nForce 590 SLI	**Enthusiast**	Athlon 64 FX, Athlon 64 X2, Athlon 64	AM2	✓	16, 16, 8, 1, 1, 1, 1, 1, 1	SLI x16	DDR2	✓	6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA	✓	✓	2x 10/100/1000	✓	✓	✓
	NVIDIA nForce 570 SLI	**Performance Gaming**	Athlon 64 X2, Athlon 64	AM2	✓	16, 8, 1, 1, 1, 1	SLI x8	DDR2		6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA		✓	2x 10/100/1000	✓	✓	✓
	NVIDIA nForce 570 LT SLI	**Performance Gaming**	Athlon 64 X2, Athlon 64	AM2	✓	16, 8, 1, 1	SLI x8	DDR2		4/2	3Gb/s	0, 1, 0+1, 5	✓	HDA		✓	2x 10/100/1000	✓		
	NVIDIA nForce 570 Ultra	**Performance Multimedia**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1, 1, 1		DDR2		6/2	3Gb/s	0, 1, 0+1, 5	✓	HDA		✓	2x 10/100/1000	✓	✓	✓
	NVIDIA nForce 560 SLI	**Performance Gaming**	Athlon 64 X2, Athlon 64	AM2	✓	8, 8, 1, 1	SLI x8	DDR2		4/4	3Gb/s	0, 1, 0+1, 5	✓	AC'97		✓	10/100/1000			✓
	NVIDIA nForce 560	**Mainstream**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1, 1		DDR2		4/2	3Gb/s	0, 1, 0+1, 5	✓	HDA		✓	10/100/1000	✓		
	NVIDIA nForce 550	**Mainstream**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1, 1, 1		DDR2		4/2	3Gb/s	0, 1, 0+1	✓	HDA		✓	10/100/1000			
	NVIDIA nForce 520	**Mainstream**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1, 1		DDR2		4/2	3Gb/s	0, 1, 0+1	✓	HDA		✓	10/100			
	NVIDIA nForce 520 LE	**Value**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1		DDR2		2/2	3Gb/s	0, 1	✓	HDA		✓	10/100			
	NVIDIA nForce 500 SLI	**Performance Gaming**	Athlon 64 X2, Athlon 64	AM2	✓	8, 8, 1, 1, 1, 1	SLI x8	DDR2* / DDR		4/4	3Gb/s	0, 1, 0+1, 5	✓	AC'97		✓	10/100/1000			✓
	NVIDIA nForce 500 Ultra	**Performance Multimedia**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1, 1		DDR2* / DDR		4/4	3Gb/s	0, 1, 0+1, 5	✓	AC'97		✓	10/100/1000			✓
	NVIDIA nForce 500	**Value**	Athlon 64 X2, Athlon 64, Sempron	AM2	✓	16, 1, 1, 1		DDR2* / DDR		4/4	1.5Gb/s	0, 1, 0+1	✓	AC'97		✓	10/100/1000			
NVIDIA nForce4 Series	NVIDIA nForce4 SLI X16	**Enthusiast**	Athlon 64 FX, Athlon 64 X2, Athlon 64	939 754	✓	16, 16, 2, 1, 1, 1, 1	SLI x16	DDR		4/4	3Gb/s	0, 1, 0+1, 5	✓	AC'97		✓	10/100/1000			✓
	NVIDIA nForce4 SLI	**Performance Gaming**	Athlon 64 X2, Athlon 64	939 754	✓	8, 8, 1, 1, 1, 1	SLI x8	DDR2* / DDR		4/4	3Gb/s	0, 1, 0+1, 5	✓	AC'97		✓	10/100/1000			✓
	NVIDIA nForce4 Ultra	**Performance Multimedia**	Athlon 64 X2, Athlon 64, Sempron	939 754	✓	16, 1, 1, 1		DDR2* / DDR		4/4	3Gb/s	0, 1, 0+1, 5	✓	AC'97		✓	10/100/1000			✓
	NVIDIA nForce4	**Value**	Athlon 64 X2, Athlon 64, Sempron	939 754	✓	16, 1, 1, 1		DDR2* / DDR		4/4	1.5Gb/s	0, 1, 0+1	✓	AC'97		✓	10/100/1000			

*Socket AM2 only
** 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	PCI Express®	Supports the latest add in graphics cards and other features with full x16 implementation. Delivers 4GB/sec. in both upstream and downstream data transfers
	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
Memory	DDR2 Support	The latest memory standard supported by AMD socket AM2 processors
	Optimized NVIDIA SLI-Ready Memory	Optimized SLI-Ready memory modules expose additional enthusiast memory settings when paired together with select NVIDIA nForce MCPs
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.	Blazingly fast disk performance with the latest SATA-2 hard disk drives with full support for native and tagged command queuing and hot plug
	SATA/Ultra ATA-133	Serial ATA 1.5Gb/sec. ports with support for a 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 ready 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
	AC'97 Audio	Features 20-bit, 48kHz support, and is fully AC'97 compliant
Performance Tuning Tools and Software	Enthusiast BIOS	Allows advanced users the ability to adjust multiple frequencies and voltages with ultra fine control
	NVIDIA nTune™ 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 Forceware™ Platform Software	Delivers industry-leading features and rock-solid stability and reliability for NVIDIA nForce MCPs
Connectivity	USB 2.0/FireWire	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
	Checksum Offload	Improves networking efficiency by reducing CPU utilization. Allows the processor to concentrate on other tasks
	Jumbo Frame Support	Reduces the number of calls to the network driver, thereby reducing CPU overhead and improves throughput
	Windows Control Panel/Web-based Management	Provides easy access to system set-up and configuration. Interface determined by software version
	IPv6 Support	Ability to future proof PC systems as standards evolve

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