



Product Sheet



Socket	SATA/PATA Drives
Intel Socket 775	4/4
High Definition Audio (HDA)	Audio
8 Channel	8-Channel High Definition Audio
NVIDIA MediaShield™ Storage	Socket
Yes	Intel Socket 775
Chipset	SATA Speed
NVIDIA nForce 650i Ultra MCP	3.0GB/s
	JEDEC DDR2 Memory
	800 MHz
	Chipset
	NVIDIA nForce 650i Ultra MCP
	System Memory
	240-pin DDR2 up to 8GB (4)
	Front Side Bus
	1333 MHz with supporting CPU
	Supported CPUs
	Core 2 Extreme (dual and quad core), Core 2 Duo, Core 2 Quad, Celeron D, Pentium 4, Pentium 4, Pentium D 9XX, Pentium D 8XX
	USB
	USB 2.0 ports (8)
	LAN
	Integrated Gigabit LAN
	Native Gigabit Ethernet Connections
	1
	PCI-E
	(1) PCI-E x16, (2) PCI-E x1
	RAID
	0,1,0+1,5
	PCI Slot
	3
	Highlighted Features
	NVIDIA MediaShield Storage Technology, TCP/IP Acceleration, nTune Utility, NVIDIA LinkBoost Technology, NVIDIA FirstPacket Technology, Windows Vista Ready

PCI Express

Designed to run with PCI Express bus architecture. This bus doubles the bandwidth of AGP 8X, delivering 4GB/s of upstream data transfer and 4GB/s of downstream data transfer.

USB 2.0

A standard plug-and-play interface that provides easy-to-use connectivity for USB devices.

Windows Vista™ Capable

NVIDIA nForce®-based motherboards are perfect for Microsoft® Windows Vista™ when coupled with an NVIDIA® GeForce® GPU and 512MB of system memory.

High Definition Audio (HDA)

High definition audio brings consumer electronics quality sound to the PC delivering high quality sound from multiple channels. Using HDA, systems can deliver 192kHz/32-bit quality for eight channels, supporting new audio formats.

NVIDIA MediaShield™ Storage

Suite of features that safeguards your most important digital media assets; always reliable, scalable, and

accessible. Includes RAID and SATA drive support.

DualDDR2 Memory Architecture

A state-of-the-art DualDDR2 memory controller allows high bandwidth and low latency data access to the CPU and GPU. Ensures data and information are relayed through the system as quickly as possible for incredible performance.

NVIDIA FirstPacket technology

Be the 'King of Ping' with NVIDIA FirstPacket technology. Get the crystal-clear phone conversations and online gaming performance you expect. NVIDIA FirstPacket technology assures your game data, VoIP conversations, and large file transfers are delivered according to preferences set by you in an intuitive wizard.

NVIDIA Native Gigabit Ethernet

The industry's fastest Gigabit Ethernet performance eliminates network bottlenecks and improves overall system efficiency and performance.