

Features and Benefits

NVIDIA nForce 550 MCP

Latest PC Technology

Packed with the same technology used by the most demanding PC Enthusiasts, NVIDIA nForce® 550 media and communications processors (MCPs) deliver outstanding quality and performance for every PC user. Confidently manage and back-up precious digital files, surf the Internet faster, and play the latest games with technology designed today and ready for tomorrow.

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.

Multiple Disk Setup

Through a simple wizard-based interface, you can effortlessly set up your drives for better data protection, faster disk access or maximum storage capacity. MediaShield automatically selects RAID 0, 1, or 0+1 configuration according to your needs. Advanced users can access RAID options directly.

DiskAlert System

The event of a disk failure, MediaShield users see an image that highlights which disk has failed to make it easier to identify, replace, and recover.

RAID Morphing

MediaShield allows users to change their current RAID set-up to another configuration in a one-step process called morphing. This eliminates the need to back up data and follow multiple steps in the process.

Bootable Multi-disk Array

MediaShield storage fully supports the use of multi-disk array for loading the operating system at power-up.

SATA 3Gb/s Drives

Take advantage of the latest SATA-2, 3Gb/s hard disk drives with full support for native and tagged command queuing and hot plug. Native command queuing provides higher disk performance in a multi-threaded environment by performing out-of-order disk accesses.

NVIDIA Native Gigabit Ethernet

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

NVIDIA nTune™ 4.0 Utility

Now with access to more settings from this Windows-based utility. NVIDIA nTune performance manager allows automatic tuning for optimal performance and the ability to customize. Once configured, nTune automatically chooses the right system settings for the application that is being run based on your saved profiles and personal rules.

**PCI Express**

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

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 192 kHz/32-bit quality for eight channels, supporting new audio formats.

USB 2.0

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