



Product Sheet



NVIDIA® introduces the GeForce™ 6200 GPUs, featuring a revolutionary design that delivers best-in-class performance on today's hottest games and applications. The only GPU in its class to support Microsoft® DirectX® 9.0 Shader Model 3.0, the GeForce 6200 powers the latest effects without compromising performance. In addition, support for the latest bus architecture--PCI Express--increases both graphics and overall system performance.

Now,

Graphics Core

256-bit

Pixels per Clock (peak)

4

RAMDACs

400 MHz

Vertices Per Second

225

Chipset

GeForce 6200 A

Memory

256 MB

Bus Type

AGP 8X

Memory Type

DDR2

Memory Bus

64-bit

Output

TV DVI

Highlighted Features

Low Profile Compatible [bracket not included]

NVIDIA® CineFX™ 3.0 Technology

Powers the next generation of cinematic realism. Full support for Microsoft® DirectX® 9.0 Shader Model 3.0 enables stunning and complex special effects. Next-generation shader architecture delivers faster and smoother game play.

Intellisample™ 3.0 Technology

The industry's fastest antialiasing delivers ultra-realistic visuals, with no jagged edges, at lightning-fast speeds. Visual quality is taken to new heights through a new rotated grid sampling pattern.

NVIDIA® PureVideo™ Technology

The combination of high-definition video processors and NVIDIA DVD decoder software delivers unprecedented picture clarity, smooth video, accurate color, and precise image scaling for all video content to turn your PC into a high-end home theater. (Feature requires supported video software.)

Unified Driver Architecture (UDA)

Part of the NVIDIA Forceware Unified Software Environment (USE). The NVIDIA UDA guarantees forward and backward compatibility with software drivers. Simplifies upgrading to a new NVIDIA product because all NVIDIA products work with the same driver software.

nView™ Multi-Display Technology

The nView hardware and software technology combination delivers maximum flexibility for multi-display

options, and provides unprecedented end-user control of the desktop experience.

NVIDIA® Digital Vibrance Control™ (DVC) 3.0 Technology

Allows the user to adjust color controls digitally to compensate for the lighting conditions of their workspace, in order to achieve accurate, bright colors in all conditions.

Microsoft® DirectX® 9.0 Optimizations and Support

Ensures the best performance and application compatibility for all DirectX 9 applications.

High-Definition MPEG-2 Hardware Acceleration

Smoothly playback all MPEG-2 video with minimal CPU usage so the PC is free to do other work. Battery life is extended when watching DVDs while running on battery. MPEG-2 is the standard format for DVDs, is accepted as a format for HD-DVD, and is also used for HD broadcast.

High-Quality Real-Time Video Recording

Get full digital video recording functionality without losing data. With NVIDIA PureVideo technology, high-quality recording preserves picture detail while also using minimal space to store videos on the hard drive.

WMV-HD Hardware Acceleration

Playback videos in Microsoft's Windows Media Video High Definition (WMV-HD) format without skipping frames or losing video detail. Accepted by the HD-DVD consortium as a new HD format, WMV-HD is now part of Windows XP to make it easy for users to edit and save their favorite videos.

Advanced Spatial Temporal De-interlacing

Smooths video and DVD playback on progressive displays to deliver a crisp, clear picture that rivals high-end home theater systems.

Vibrant Color Temperature Correction

Color temperature correction makes actors' faces appear natural, rather than washed out and pale, when playing videos on LCD and CRT displays.

128-bit Studio-Precision Computation

128-bit studio-precision computation through the entire pipeline prevents image defects due to low precision and ensures the best image quality for even the most demanding applications.

Integrated TV Encoder

Provides best-of-class TV-out functionality for resolutions up to 1024x768.

OpenGL™ 2.0 Optimizations and Support

Ensures top-notch compatibility and performance for all OpenGL applications. NVIDIA® nView® Multi-display Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.

Dual 400MHz RAMDACs

Blazing-fast RAMDACs support dual QXGA displays with ultra-high, ergonomic refresh rates--up to 2048x1536@85Hz.