



# 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.

### Graphics Core

256-bit

### Pixels per Clock (peak)

4

### RAMDACs

400 MHz

### Vertices Per Second

225

Now,

### Chipset

GeForce 6200 A

### Memory

256 MB

### Bus Type

AGP 8X

### Memory Type

DDR2

### Memory Bus

64-bit

### Output

TV DVI

### Highlighted Features

<b>Low Profile Compatible [bracket not included]</b>

### 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.