



# Product Sheet



The GeForce™ FX 5200 and GeForce PCX 5300 GPUs deliver best-in-class performance and features at a great price. With a GeForce FX or PCX mainstream GPU inside your PC, you can experience cinematic-quality effects, studio-quality color, and the industry-leading performance and rock-solid driver stability you expect from NVIDIA.

The only DirectX 9-compatible GPUs in their class, the GeForce FX 5200 and GeForce PCX 5300 models are engineered for compatibility with the latest gaming and multimedia software.

### Graphics Core

256-bit

### Memory Interface

128-bit

### Fill Rate

1 Billion

### Vertices Per Second

63 Million

### Pixels per Clock (peak)

4

### Textures per Pixel

13

### RAMDACs

350 MHz

### Chipset

GeForce FX 5200

### Memory

256 MB

### Bus Type

PCI

### Memory Type

DDR

### Memory Bus

128-bit

### Output

DVI

### Highlighted Features

TV Out, DVI Out

### NVIDIA® CineFX™ Technology

Powers cinematic effects beyond imagination. With advanced vertex and pixel shader capabilities, stunning and complex special effects are possible. In addition, increased horsepower delivers faster and smoother game play.

### 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.

### Digital Vibrance Control Technology

Allows the user to digitally adjust color controls 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.

### 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.

#### **AGP 8X**

Provides double the bandwidth of AGP 4X--2.1GB/sec. vs. 1.1GB/sec. AGP 8X enables more complex models and detailed textures, creating richer and more lifelike environments. Uninterrupted data flow allows for smoother video streaming and faster, more seamless game play.

#### **350MHz RAMDACs**

Supports QXGA displays with ergonomic refresh rates.

#### **DVI Support**

Drives the new generation of desktop digital flat panel displays and projectors.

#### **64-phase Video Scaler**

Highest quality for scaling DVD and other video to full-screen HDTV resolutions.

#### **Architected for Advanced Shading Languages**

Ensures that the newest, cutting-edge special effects in applications will run flawlessly. Speeds up content creation so game developers can get their new games out to PC users faster than ever before.