



Product Sheet



Boasting the 3D graphics and video features of today most advanced graphics processing units (GPUs), the NVIDIA® GeForce® 7300GS GPU delivers ultra-realistic gaming effects and stunning, high-definition video without compromising performance. For the performance and features you need to play the latest games and enjoy home-theater quality video, make sure your PC is equipped with a GeForce 7300GS.

Fill Rate

2.2 Pixels/sec.

Graphics Core

256-bit

Vertices Per Second

413 Million

Pixels per Clock (peak)

4

RAMDACs

400

Engine Clock

550 MHz

Chipset

GeForce 7300 GS

Memory

Supporting 512 MB

Bus Type

PCI-E

Memory Type

DDR2

Highlighted Features

DVI Out,TV Out

Microsoft® DirectX® 9.0 Shader Model 3.0 Support

Ensures top-notch compatibility and performance for all DirectX® 9 applications, including Shader Model 3.0 titles.

NVIDIA® CineFX™ 4.0 Engine

Delivers advanced visual effects at unimaginable speeds. Full support for Microsoft® DirectX® 9.0 Shader Model 3.0 enables stunning and complex special effects. Next-generation shader architecture with new texture unit design streamlines texture processing for faster and smoother gameplay.

NVIDIA® TurboCache™ Technology

Shares the capacity and bandwidth of dedicated video memory and dynamically available system memory for turbocharged performance and larger total graphics memory.

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.

PCI Express™ Support

Designed to run perfectly with the next-generation PCI Express bus architecture. This new bus doubles the bandwidth of AGP 8X delivering over 4 GB/sec. in both upstream and downstream data transfers.

Adaptable Programmable Video Processor

PureVideo's programmable technology adapts to new video encoding formats as they are developed to provide a future-proof video solution. (Feature requires supported video software.)

Advanced Motion Adaptive De-interlacing

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

Dual 400MHz RAMDACs

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

DVI Support

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

High-definition MPEG-2 and WMV Hardware Acceleration

Smoothly playback all MPEG-2 and WMV video--including WMV-HD--with minimal CPU usage so the PC is free to do other work.

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.

Video Scaling and Filtering

High-quality scaling and filtering technology delivers a clear, clean image at any window size, including full-screen HDTV resolutions up to 1080i.

NVIDIA® ForceWare™ Unified Driver Architecture (UDA)

Delivers a proven record of compatibility, reliability, and stability with the widest range of games and applications. ForceWare ensures the best out-of-box experience for every user and delivers continuous performance and feature updates over the life of NVIDIA GeForce GPUs. Includes full support for PCI Express and AGP.

Video Color Correction

Color temperature correction makes actors' faces appear natural, rather than washed out and pale, when playing videos on LCD and CRT displays. Display gamma correction ensures videos are not too dark, overly bright, or washed out regardless of the video format or display. (Feature requires supported video software.)