



Product Sheet



	Memory Clock
	800 MHz
	Clock rate
	450 MHz
	Shader Clock
	1200 MHz
	Chipset
	GeForce 8400 GS
	Memory
	256 MB
	Bus Type
	PCI-E
	Memory Type
	DDR2
	Memory Bus
	64-bit
	Output
	DVI, VGA, HDTV-out
	Highlighted Features
	 Low Profile Compatible [bracket not included], Half Height PCB, RoHS, HDCP Ready, HDTV ready, HDTV ready, Vista

128-bit floating point High Dynamic-Range (HDR)

Twice the precision of prior generations for incredibly realistic lighting effects—now with support for anti-aliasing.

16x Anti-aliasing

Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

Built for Microsoft® Windows Vista™

NVIDIA's fourth-generation GPU architecture built for Windows Vista gives users the best possible experience with the Windows Aero 3D graphical user interface.

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.

Full Microsoft® DirectX® 10 Support

World's first DirectX 10 GPU with full Shader Model 4.0 support delivers unparalleled levels of graphics realism and film-quality effects.

NVIDIA® ForceWare® Unified Driver Architecture (UDA)

Delivers a proven record of compatibility, reliability, and stability with the widest range of games and applications. ForceWare provides the best out-of-box experience and delivers continuous performance and feature updates over the life of NVIDIA GeForce® GPUs.

NVIDIA® Lumenex™ Engine

Delivers stunning image quality and floating point accuracy at ultra-fast frame rates.

NVIDIA® nView® Multi-Display Technology

Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.

NVIDIA® Quantum Effects™ Technology

Advanced shader processors architected for physics computation enable a new level of physics effects to be simulated and rendered on the GPU—all while freeing the CPU to run the game engine and AI.

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.