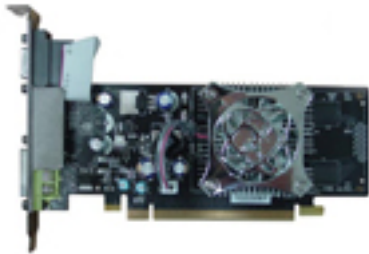




# Product Sheet



The XFX GeForce 8400 GS offers the features of the GeForce 8 series architecture at an incredible value. Being Windows Vista ready, the GeForce 8400 GS run Vista features quickly and seamlessly. Allowing you to play the latest Microsoft DirectX 9 and DirectX 10 games, and enjoy outstanding HD DVD/Blu-ray movie experience.

### Graphics Core

450 MHz

### Memory Interface

64-bit

### RAMDACs

400 MHz

### Fill Rate

3.6 billion/sec

### Memory Bandwidth

6.4 GB/sec

### Chipset

GeForce™ 8400 GS

### Shader Clock

1200 MHz

### Memory Clock

800 MHz

### Shader Clock

1200 MHz

### Clock rate

450 MHz

### Memory

256MB SUPPORTING 512MB

### Memory Type

DDR2

### Memory Bus

64 bit

### Output

VGA, DVI, HDTV

### Highlighted Features

HDCP Ready, Vista, [Low Profile Compatible](http://www.xfxforce.com/web/viewFeature.jsp?featureId=551250) [bracket not included], HDTV ready, RoHS

### Built for Microsoft® Windows Vista™

NVIDIA's third-generation GPU architecture built for Windows Vista give users the best possible experience with the 3D graphical user interface in the upcoming operation system (OS) from Microsoft.

### 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® 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.

### 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.)

### **NVIDIA® unified architecture with GigaThread™ technology**

Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing extreme processing efficiency in advanced, next generation shader programs.

### **OpenGL™ 2.1 Optimizations and Support**

Ensures top-notch compatibility and performance for OpenGL applications.

### **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.

### **DVI Support**

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

### **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.

### **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.

### **400MHz RAMDACs**

Industry's fastest RAMDACs support QXGA displays with ultra-high, ergonomic refresh rates.

### **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.

### **NVIDIA® Lumenex™ Engine**

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