



SPARKLE NV 8400 GS 512M, PASSIVE HEATSINK, LOW PROFILE, PCI VIDEO CARD

Specification:

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|-------------------|-----------------|--------------------------|-----------------------|
| Model Number | SFPC84GS512U2LP | Graphics Processing Unit | NVIDIA GeForce 8400GS |
| UPC Code | 4710710445256 | Core Clock | 567 MHz |
| Dimension (LxWxH) | 7"x2"x12" | Memory Type | 512MB DDR2 |
| Weight (LBs) | 1.0 lbs. | Memory Interface | 64-Bit |
| Master Carton | 20 | Shader Clock | 900 MHz |
| Warranty | 365 DAYS | Bus Type | PCI |
| | | RAMDAC | 400 MHz |
| | | Signal Output | CRT+HDTV-OUT+DVI+HDCP |

Key Features:

NVIDIA® unified architecture

Fully unified shader core dynamically allocates processing power to geometry, vertex, physics, or pixel shading operations, delivering up to 2x the gaming performance of prior generation GPUs

Full Microsoft® DirectX® 10 support

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

NVIDIA® SLI™ technology

Delivers up to 2x the performance of a single GPU configuration for unparalleled gaming experiences by allowing two graphics cards to run in parallel. The must-have feature for performance PCI Express® graphics, SLI technology dramatically scales performance on today's hottest games.

NVIDIA HybridPower™ Technology2

HybridPower technology automatically switches from the GeForce 9800 GTX graphics card to the motherboard GeForce GPU when running non graphically-intensive applications for a silent, low power PC experience.

NVIDIA PhysX™ technology 3

GeForce GPU support for NVIDIA PhysX technology enabling a totally new class of physical gaming interaction for a more dynamic and realistic experience with GeForce

NVIDIA CUDA™ technology 4

CUDA technology unlocks the power of the GPU's processor cores to accelerate the most demanding system tasks-such as video transcoding-delivering incredible performance improvements over traditional CPUs

NVIDIA® Lumenex™ Engine

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

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

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

NVIDIA® Quantum Effects™ Technology

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

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

Dual 400MHz RAMDACs

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

Dual Dual-Link DVI Support

Able to drive industry's largest and highest resolution flat-panel displays up to 2560x1600 and with support for High-bandwidth Digital Content Protection(HDCP).

NVIDIA PureVideo HD technology

The combination of high-definition video decode acceleration and post-processing that delivers unprecedented picture clarity, smooth video, accurate color, and precise image scaling for movies and video.

Discrete, Programmable Video Processor

NVIDIA PureVideo is a discrete programmable processing core in NVIDIA GPUs that provides superb picture quality and ultra-smooth movies with 100% offload of H.264 video decoding from the CPU and significantly reduced power consumption.

HDCP Capable:

Designed to meet the output protection management (HDCP) and security specifications of the Blu-ray Disc and HD DVD formats, allowing the playback of encrypted movie content on PCs when connected to HDCP-compliant displays.