



SPARKLE NV 9800 GTX+, 1G, NATIVE HDMI, PCIE VIDEO CARD

Specification:

Model Number	SX98GP1024D3-NM	Graphics Processing Unit	NVIDIA GeForce 9800GTX+
UPC Code	4710710445676	Core Clock	738 MHz
Dimension (LxWxH)	7"x4"x13"	Memory Type	1024MB GDDR3
Weight (LBs)	2.2 lbs.	Memory Interface	256-Bit
Master Carton	10	Stream Processors	128 Processing Cores
		Bus Type	PCI-Express 2.0
		RAMDAC	400 MHz
		Signal Output	HDMI+ CRT+DVI-1+HDCP

Key Features:

Native HDMI Support 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™ Technology 2

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.

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 displays up to 2560x1600 and with support for High-bandwidth Digital Content Protection(HDCP).

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.

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.

High-Quality Scaling

Enlarges lower resolution movies and videos to HDTV resolutions, up to 1080i, while maintaining a clear, clean image. Also provides downscaling of videos, including high-definition, while preserving image detail.

Integrated SD and HD TV Output

Provides world-class TV-out functionality via Composite, S-Video, Component, DVI, or HDMI connections. Supports resolutions up to 1080p depending on connection type and TV capability.