



## SPARKLE NV 9800 GT 512M, LOW PROFILE, NATIVE HDMI, PCIE VIDEO CARD

### Specification:

Model Number	SX98GT512D3L-NM	Graphics Processing Unit	NVIDIA GeForce 9800GT
UPC Code	4710710445683	Core Clock	600MHz
Dimension (LxWxH)	7"x4"x13"	Memory Type	512MB GDDR3
Weight (LBs)	2.5 lbs.	Memory Interface	256-Bit
Master Carton	10	Memory Clock	1800 MHz
		Shader Clock	1500 MHz
		Bus Type	PCI-Express 2.0
		RAMDAC	400 MHz
		Signal Output	HDMI+DVI+HDCP+SPDIF IN

### Key Features:

#### Low Profile Design

Consummately designed low profile, the PCB height of the SPARKLE GeForce 9600 GT and GeForce 9800 GT Low Profile 512MB GDDR3 Graphics Cards are 6cm, only half the height of ordinary Graphic Cards with full profile design, which makes the SPARKLE GeForce 9600 GT and GeForce 9800 GT Low Profile 512MB GDDR3 Graphics Cards to be the best partners for HTPC. HTPC enthusiasts don't need to worry about the inconvenience caused by narrow space HTPC chassis and full profile designed graphics cards. With low profile design, the SPARKLE GeForce 9600 GT and GeForce 9800 GT Low Profile 512MB GDDR3 Graphics Cards not only can easily meet the HD video playback and DX10 gaming demand from HTPC users, but also can easily satisfy the requirements from SSF, mini-chassis and industry PCs which demand compact and practical graphic cards.

#### 512MB Large-capacity GDDR3 memory

Today's game, such as Crysis, Alone in the Dark 5, Stalker: clear sky, they normally use a large number of bump texture, transparent texture to describe faces of characters and render realistic gaming scenes, so these games put higher demands on the capacities of video memory. The current situation demands at least 512 MB video memory to run these games. The SPARKLE GeForce 9600 GT and GeForce 9800 GT Low Profile 512MB GDDR3 Graphics Cards come with incredible large 512MB video memory can let mainstream users to pass the 3DMark Vantage High Test which strictly demand at least 512MB video memory, providing much more detail information to mainstream users for better understanding its graphics capability.

#### Native HDMI Support

In order to keep pace with HD tideway, the SPARKLE GeForce 9600 GT and GeForce 9800 GT Low Profile 512MB GDDR3 Graphics Cards feature native HDMI support without SPDIF connectors on PCB. Now the SPARKLE GeForce 9600 GT and GeForce 9800 GT Low Profile 512MB GDDR3 Graphics Cards passed the rigorous HDMI ATC certification tests in High-Definition Media Interface Authorized testing center, they can deliver vivid HD gaming audio and video through one single cable, provide more convenience to pc games and video enthusiasts to play games or watch HD videos on their HDTV.

#### 2nd Generation PureVideo HD

High-definition video decoder and post-processor delivers unprecedented picture clarity, smooth video and accurate color for movies and video.

#### 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

#### Cooling System

Exquisitely made cooling fans, which have high performance thermal compound ensures optimal thermal dissipation even after years of use.

#### NVIDIA™ PhysX

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

CUDA technology unlocks the power of the GPU's processor cores to accelerate the most demanding system tasks such as video transcoding delivering up to 7x performance over traditional CPUs.

#### 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).

#### Hardware Decode Acceleration

Provides ultra-smooth playback of H.264, VC-1, WMV and PEG-2 HD and SD movies.

#### Noise Reduction

Improves movie image quality by removing unwanted artifacts.

#### 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.