



Experience smooth gaming and multimedia performance with the ZOTAC GeForce 8500GT. Powered by 16 screaming-fast stream processors backed by NVIDIA's Unified Architecture, the ZOTAC GeForce 8500GT is ready to take on all DirectX 10, OpenGL 2.1 and CUDA enabled games and applications.

PureVideo HD technology enhances the ZOTAC GeForce 8500GT with high-definition video playback capabilities for low-CPU utilization when playing high-definition Blu-ray disks. PureVideo HD also enhances standard-definition media using advanced scaling and smooth algorithms for near-high-definition levels of video quality.

Specifications

- NVIDIA GeForce 8500 GT
- 16 Stream Processors
- 512MB DDR2
- 128-bit memory bus
- Core Clock: 450 MHz
- Shader clock: 918 MHz
- Memory clock: 800 MHz
- PCI Express 1.1

Software compatibility

- NVIDIA ForceWare Drivers
- Microsoft DirectX 10
- OpenGL 2.1
- Microsoft Windows XP/Vista

Dimensions

- Height: 4.374in - 111.11mm
- Width: 6.486in - 164.75mm

Power requirements

- 350-watt power supply recommended
- 40-watt max power consumption

Inside the box

- Component video output dongle



Features

- NVIDIA PureVideo HD technology
- NVIDIA CUDA technology
- NVIDIA PhysX technology
- NVIDIA Unified Architecture
- NVIDIA Lumenex Engine
- NVIDIA GigaThread Technology
- HDCP compliant

Connectors

- DVI (with Audio)
- VGA
- HDTV (component video)



HDTV Ready

- ED 480p
- HD 720p
- HD 1080i
- Full HD 1080p

Supported resolutions

Max resolution	Colors	Frequency
640x480	32-bit	240 Hz
800x600	32-bit	240 Hz
1024x768	32-bit	240 Hz
1152x864	32-bit	200 Hz
1280x1024	32-bit	170 Hz
1600x1200	32-bit	120 Hz
1920x1440	32-bit	85 Hz
2048x1536	32-bit	75 Hz