

# GeForce 8100

SKU: GF8100-B-E



Get a taste of NVIDIA GeForce 8 series graphics power and performance with the ZOTAC GeForce 8100 platform. With its DirectX 10 with Shader Model 4.0 compatibility, NVIDIA CineFX 4.0 architecture and Intellisample AA technology, the ZOTAC GeForce 8100 forms a value platform that delivers a performance punch.

When more performance is desired, the ZOTAC GeForce 8100 supports NVIDIA GeForce Boost technology, so you can supercharge the GeForce 8100 integrated graphics core with a compatible ZOTAC GeForce 8 series graphics card. The ZOTAC GeForce 8100 platform also unleashes the full potential of dual, tri and quad-core AMD Phenom, Athlon and Sempron processors with compatibility with HyperTransport 3.0 technology.



## Specifications

- NVIDIA® GeForce® 8100 GPU
- 8 CUDA processors
- PCI Express 2.0 [compatible with 1.1]
- Microsoft® DirectX® with Shader Model 4.0
- OpenGL 2.1

## Processor support

- AMD® Phenom™ X2, X3, X4
- AMD® Athlon™ 64, X2, FX
- AMD® Sempron™
- AMD® Socket AM2+ family
- HyperTransport 3.0 (HT3.0)
- Up to 65-watt TDP

## Memory support

- DDR2 1066
- 2 x 240 pin DDR2 DIMM slots
- Up to 4GB ram

## Expansion

- 1 PCI Express 2.0 x16
- 2 PCI

## Dimensions

- Micro ATX form factor
- Height: 9.6in - 244mm
- Width: 7.5in - 191mm

## Inside the box

- 1 IDE
- 1 SATA



## Features

- NVIDIA® CUDA™ technology
- NVIDIA® Hybrid SLI™ ready
- NVIDIA® Unified Architecture
- NVIDIA® CineFX™ 4.0 architecture
- NVIDIA® Intellisample™ AA technology
- NVIDIA® ForceWare™ Unified Driver
- NVIDIA® MediaShield™ technology

## Storage support

- 4 SATA 3.0 Gbps ports
- SATA RAID 0, 1, 0+1, 5
- 1 ATA133 port

## Connectors

- 1 FDD Port (Support 1.44/2.88 MB FDD) (Optional)
- HD Audio 5.1 (Line-in, Line-out, MIC-in)
- 1 PS/2 Mouse Port
- 1 PS/2 Keyboard Port
- 4 USB Ports on Back Panel, 8 USB Ports on Pin Header
- 1 RJ45 Port (10/100 Ethernet)

## Display outputs

- VGA

## Size comparison


**PhysX**  
 by NVIDIA


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