



ZOTAC International (MCO) Limited

(member PCPartner Group)

C/O : 19/F, Shatin Galleria, 18-24 Shan Mei Street, Fo Tan, Shatin, N.T., Hong Kong

Tel: (852) 2799 8011 Fax: (852) 2664 2044, (852) 2799 2116 Website: www.zotac.com

ZOTAC Announces GeForce 8800GT-based Graphics Cards

New ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition deliver unmatched performance value

HONG KONG, China – Oct. 29, 2007 – ZOTAC International (MCO) Ltd, a PC Partner Group company, today announced the latest addition to its DirectX 10-compatible graphics cards lineup based on NVIDIA's new GeForce 8800GT – the ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition.

The new ZOTAC graphics cards, based on the NVIDIA GeForce 8800GT graphics processor, delivers the latest technologies and blazing fast 3D performance at a sub-€250 price point.

New to the ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition is the first-ever PCI Express 2.0 interface. The new PCI Express 2.0 interface delivers more power and greater data throughput in new generation PCI Express 2.0 compatible motherboards while maintaining backwards compatible with existing PCI Express x16 motherboards.

The new PCI Express 2.0 interface sends data to the graphics card's 512MB of GDDR3 video memory for smooth performance and realistic textures in current and next-generation PC games. The 512MB of GDDR3 video memory communicates with the graphics processor with its ultra-wide 256-bit memory interface – a first for a sub-€250 graphics card.

ZOTAC GeForce 8800GT graphics cards feature 1800 MHz GDDR3 memory paired with the NVIDIA GeForce 8800GT graphics processor. The ZOTAC GeForce 8800GT also features a boosted core clock to 660 MHz, up from the NVIDIA specified 600 MHz for an added performance boost.

The ZOTAC GeForce 8800GT AMP! Edition takes performance to unprecedented levels, clocking the NVIDIA GeForce 8800GT graphics processor at 700 MHz. Faster 2000 MHz memory joins the boosted graphics processor for unparalleled levels of graphics performance.

Compatibility with Microsoft's DirectX 10 and Shader Model 4.0 ensures the ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition are ready for next-generation gaming titles. With NVIDIA Unified Shader Architecture, the GeForce 8800GT features 112 stream processors for unparalleled 3D processing capabilities.

Backed by NVIDIA's Lumenex Engine, the ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition deliver true 128-bit floating point high dynamic range, or HDR, lighting capabilities with up to 16x full-screen anti-aliasing.

"With the ZOTAC GeForce 8800GT series, we're able to deliver a product that has the features of our high-end GeForce 8800GTX products while maintaining a single-slot form factor as our GeForce 8600GTS products," said Carsten Berger, Marketing Director, ZOTAC International (MCO) Ltd. "The low price point also makes the new GeForce 8800GT series the best bang-for-your-buck in its class."

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Second-generation NVIDIA PureVideo HD technology with HDCP compliance delivers the ultimate high-definition video viewing experience to the ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition.

With hardware decoding for Blu-ray and HD DVD formats, PureVideo HD technology lowers CPU utilization when watching high-definition video formats by decoding the entire video stream in the graphics processor, freeing up the processor for other tasks.

“As we enter a digital age where the PC becomes the central hub for multimedia enjoyment, hardware decoding for high-definition video formats is a must have feature in graphics cards,” said Mr. Berger. “Hardware decoding allows the system to have free CPU cycles to accomplish other tasks such as re-encoding a video for your portable media player or compile home movies while you sit and enjoy a movie.”

In addition to low CPU utilization, PureVideo HD enhances standard definition video content with de-interlacing and other post-processing algorithms to ensure standard DVD movies look their best on the PC screen and high-definition television sets.

High definition content protection, or HDCP, technology ensures a secure connection between the ZOTAC GeForce 8800GT or GeForce 8800GT AMP! Edition and an HDCP capable monitor for viewing protected content such as high-definition Blu-ray or HD DVD movies.

General details

- New ZOTAC GeForce 8800GT and GeForce 8800GT AMP! Edition
- PCI Express 2.0 interface
- Backwards compatible with PCI Express 1.0
- DirectX 10 with Shader Model 4.0 compatible
- 112 stream processors
- Single-slot active cooling solution
- 512MB GDDR3 memory
- 256-bit memory interface
- PureVideo HD technology with hardware decoding of high-definition video formats
- Dual dual-link DVI – up to 2560x1600
- HDTV output – 480p/720p/1080i/1080p
- S-Video output



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Specifications:

Product Name:	ZOTAC GeForce 8800GT AMP! Edition	ZOTAC GeForce 8800GT
Chipset:	NVIDIA GeForce 8800GT	
Core Clock speed:	700 MHz	660 MHz
Memory Clock speed:	2000 MHz	1800 MHz
Shader Clock speed:	1700 MHz	1600 MHz
Memory	512 MB GDDR3	
Memory interface:	256-bit	
Cooling:	Single-slot active cooling	
DirectX™ version:	DirectX™ 10, Shader Model 4.0	
Other hardware features:	Dual Dual-link DVI, HDCP, NVIDIA® Lumenex™ Engine, Quantum Effects™ Technology	
HDCP:	Yes	
HD formats:	H.264, VC-1, WMV HD	
Software Features:	nView® Multi-Display NVIDIA® PureVideo™ HD Technology	
Windows Vista capability:	Certified for Windows Vista with aero glass user interface	

About ZOTAC International (MCO) Limited

ZOTAC International is a part of PC Partner Ltd. Group. ZOTAC is also one of the largest NVIDIA add-in board and motherboard manufacturers in the world with over 10 years of quality manufacturing experience. The ZOTAC philosophy is to deliver the latest products at competitive prices without sacrificing quality.

For further information please visit www.zotac.com

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