

## **SPARKLE Unveils Calibre X265/X265HM World's First Graphics Card With Pillars Traversed Cooling Fins Technology**

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Press release from: [SPARKLE](#)

SPARKLE Computer Co., Ltd., the professional VGA card manufacturer and supplier, today unveils the Calibre X265/X265HM Graphics Card, providing unparalleled DX10 gaming performance for mainstream gamers with non-reference PCB design and excellent cooling system.

### Specification

Model Number: X265/X265HM

Graphics Processing Unit: GeForce GTX 260

Core Clock (GRN/STD/OC): 400MHz/576MHz/666MHz

Memory Clock (GRN/STD/OC): 600MHz/1998MHz/2268MHz

Memory Type: 896MB GDDR3

Memory Interface: 448-bit

Stream Processors: 216

Stream Processors Clock (GRN/STD/OC) 800MHz/1242MHz/1476MHz

Bus Type: PCI-Express 2.0

RAMDAC: 400 MHz

Outputs: Dual DVI-I

HDMI: Yes via Adapter

### World's First Graphics Card with Pillars Traversed Cooling Fins Technology

The Calibre X265/X265HM Graphics Cards features the 2nd generation of Calibre Dual Fly Cooling System by SPARKLE own design. It's the world's first Graphics Card with pillars traversed cooling fins technology which provides ultimate graphics cards cooling solution for users who seek higher graphics performance and lower working temperatures. The cooling system consists of pure aluminum thermal base, 2 high-efficient heat pipes with 6mm diameter, 2 high-efficient heat pipes with 8mm diameter, the 9 aluminum pillars traversed heatsinks and dual low speed cooling fans. These 4 high-efficient heat pipes connect the surface of the GPU directly, providing the cooling transfer effect of 8 heat pipes. The technique of pillars traversed can quickly bring the heat from aluminum pillars to the 8 layer cooling fins by direct contact. The perfect combination of the heat pipes and the pillars traversed cooling fins technology provides superior cooling efficiency and greatly enhances the cooling performance of GPU, video memory, MOS circuit and NVIO on the PCB, let gamers to enjoy good overclocking margin and cooler GPU, guarantees stable system operation even under round-the-clock full load gaming.

### Experience Vivid DX10 Graphics

Experience the vivid DX10 gaming graphics at mind blowing frame rates, or go beyond traditional 3D graphics and experience GPU-accelerated NVIDIA® PhysX™ gaming effects, Stereoscopic 3D, and lightning fast video and image processing. All you need is the Calibre X265/X265HM Graphics Cards with unique non-reference PCB design, the approximating performance to GTX 275 and amazing cooling system.

### Untouchable 3D Performance

The Calibre X265/X265HM Graphics Cards features 55nm chip process from TSMC. So It has groundbreaking speeds compared with ordinary GeForce GTX 260 Graphics Cards on market, the core speed is raised from 576MHz to 666MHz, the shader clock is raised from 1242MHz to 1476MHz, making its 3D performance better than nVIDIA reference GTX 260 graphics cards and closer to the performance of GTX 275 graphics cards, delivering unrivaled graphics performance in the hottest games including Far Cry 2, Mirror's Edge, and Call of Duty 5: World at War. The Calibre X265/X265HM Graphics Cards adopts Calibre black PCB design, providing enhanced power circuitry with more phases of vGPU power circuit and vMem circuit. Also it only uses solid capacitors with lower power loss, providing more stable and longer product lifespan.

Extreme Fast 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. Calibre X265/X265HM Graphics Cards comes with incredible large 896MB GDDR3 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.

#### Convenient SPA Tune OC Software

The Calibre X265/X265HM Graphics Cards is bundled with convenient SPA Tune, an own designed software, effectively balancing the computing power and power consumption. It provides three mode transition buttons for Overclocking mode (OC), standard mode (STD) and green mode (GRN). The OC mode provides high speed, best performance and more power consumption. The STD mode brings standard performance and lesser power consumption. The GRN mode provides the energy saving and green power consumption. Every mode sets up one team specification contains: Core Clock (MHz), Memory Clock (MHz), Shader Clock (MHz), GPU Temperature (°C) and Fan Speed.

#### NVIDIA 3D Vision Support

The Calibre Graphics Cards supports GeForce Stereoscopic 3D Technology from NVIDIA, which is market complete hardware and software kit for gamers built by NVIDIA for the 3D stereoscopic gaming market. It will immerse gamers in the world of 3D content like never before. Monsters, bullets, and landscapes jump out of gamers' flat monitors and into their imagination, making them part of the game. With NVIDIA GeForce Stereoscopic 3D driver technology, gaming will never be the same. Now with support for Microsoft Windows Vista and the Calibre X265/X265HM Graphics Cards, gamers can play the hottest games and feel like they're part of the action rather than watching it happen!

#### 2nd Generation PureVideo

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

#### 3 Way SLI Support

The Calibre X265/X265 HM Graphics Cards support NVIDIA 3-way SLI technology, which provides even higher frame rates and permits higher quality settings for the ultimate experience in PC gaming when connected to a high-end, high-resolution monitor.

#### NVIDIA™ PhysX

Calibre X265/X265 HM support for NVIDIA PhysX Technology, enabling a totally new class of physical gaming interaction for a more dynamic and realistic experience.

#### 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.

#### About SPARKLE Computer Co., Ltd.

SPARKLE Computer Co., Ltd, established in 1982, is a high-end VGA card manufacturer and supplier to mainly provide NVIDIA series VGA card. With its strong R&D ability and investment in both hardware and software, Sparkle aims to provide the most price-competitive products while with best-in-class quality and service. Not only launch partner, Sparkle is also one of the certificated vendors of NVIDIA. Currently, SPARKLE products sell in more than 80 countries and on the web at [www.sparkle.com.tw](http://www.sparkle.com.tw)

Alexander Leonard Ronge

nGize eSports – PR Department

Gysenbergstr. 77b

44627 Herne

eMail: [a.ronge@ngize.de](mailto:a.ronge@ngize.de)

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