

Press Release  
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## SPARKLE Launched 1024MB GDDR5 GeForce GT240 Graphics Cards For Mainstream Gamers

Taipei, Taiwan – December 15, 2009 - SPARKLE Computer Co., Ltd., the professional VGA card manufacturer and supplier, today launched the **SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards** with 1024MB GDDR5 big capacity and high speed memory, delivering world-class HD graphics performance for mainstream gamers.

Specification	
Model Number	SXT2401024D5-NM
Graphics Processing Unit	GeForce GT240
Core Clock	550MHz
Memory Type	1024MB GDDR5
Memory Interface	128-bit
Processor Cores	96
Processor Clock	1340MHz
Bus Type	PCI-Express 2.0
RAMDAC	400 MHz
Outputs	HDMI+CRT+DVI-I



### Latest 40nm Chip Process

Taking the performance increase into account, SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards features 40nm chip process from TSMC, this new process let SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards to be the first batch graphics cards on market to adopt the NVIDIA new 40nm graphics chip. Thanks to advanced 40nm process, now It features much higher transistor density than before, bringing a greater number of stream processors than its predecessor.



### 96 Processor Cores -- Performance Upgrade

SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards now features 96 processor cores, 32 processor cores more than the GeForce 9600GT graphics card has. The amount exaltation of the processor cores can brings amazing floating point processing power for good gaming performance and powerful performance ever from the unit area of the chip! According to the test done by SPARKLE, the 3D Vantage High scores of the SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards is 20% more than the GeForce 9600GT reference boards.



### 1024MB GDDR5 Large-Capacity High Speed Video 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. SPARKLE GeForce GT240 1024MB GDDR5 Graphics Card comes with incredible 1024MB GDDR5 video memory which has higher bandwidth and working speed than the ordinary GDDR3 video memory. Meet the needs of a large number of 3D games, allowing the gamers to enjoy the pleasure brought by 3D games.



### 30dB Quiet Designed Cooling System with High Efficient

The SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards are equipped with exquisitely made low-speed cooling fan with great noise control. Fan speed to be controlled around 2700 Rpm to 3300 Rpm and it's working 30dB environment . The cooling fan uses high-density aluminum cooling fins with 0.5mm thick fins and 1.5mm pitch, which dramatically raise the heat dissipation area and the thermal performance. Helped with the strong R&D team, SPARKLE also extends the service life of the cooling fins by doing treatment on the fins' surface to prevent the oxidation.



### All Solid Capacitors

Equipped all solid capacitors with lower power loss, provide more stable and longer product lifespan.



### Experience Vivid DX10.1 Graphics

Experience the vivid DX10.1 gaming graphics at fluent 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 SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards with full DirectX 10.1 and full Shader Model 4.1 support, delivering unparalleled levels of graphics realism and film-quality effects.



### Native HDMI Output and HDMI 1.3a Support

Fully integrated support for HDMI 1.3a including xvYCC, Deep color and 7.1 digital surround sound. High-definition audio transmission can be realized without spdif wiring.



### NVIDIA 3D Vision Support

The SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards support NVIDIA 3D Vision technology, bringing a fully immersive stereoscopic 3D experience to the PC. A combination of 3D Vision discover glasses and advanced software, 3D Vision transforms hundreds of PC games into full stereoscopic 3D. In addition, users can watch 3D movies and 3D digital photographs in eye popping, in crystal clear quality.



### Premium Windows 7 Experience

Graphics cards are an essential element of today's PCs, enabling more visual and more interactive experiences. As a leading manufacturer in graphics cards market, SPARKLE worked closely with Microsoft on the development of Windows 7 to ensure that its graphics cards take full advantage of the great new features and functionality. If you use your PC to enhance photos, watch or edit videos, play games, or if you simply desire a fast and efficient graphical interface, SPARKLE GeForce GT240 1024MB GDDR5 Graphics Cards will surely delight your senses and offer a premium experience for Windows 7.



### 2nd Generation PureVideo HD Support

High-definition video decoder and post-processor delivers unprecedented picture clarity, smooth video and accurate color for movies and video. Hardware decode acceleration provides ultra-smooth playback of H.264, VC-1, WMV, DivX, MPEG-2 and MPEG-4 HD and SD movies without the need for a dual or quad-core CPU. Dual-stream hardware acceleration supports picture-in-picture content for the ultimate interactive Blu-ray and HD DVD movie experience.



### NVIDIA™ PhysX Support

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 Support

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.