

Gainward brings out the powerful graphics card for HD gaming

Launches it's ATI powered graphics card **HD 4870 Golden Sample** to the high performance segment



August, 2008 — Gainward, a company renown for it's extreme overclocked graphics cards, officially announced the highest segment products of ATI chipsets – **Gainward HD 4870 Golden Sample** graphics card to the market.

GAINWARD HD4870 GOLDEN SAMPLE KEY FEATURES:

- Special custom design **Tri-Heatpipe cooling system**
- Low noise **Dual Fan** with PWR control
- Overclocked **775 MHz** core speed and **4000 MHz** (4x1000MHz GDDR5) memory speed
- Turbo Switch: **Dual BIOS** unique features to manually OC the card (modes: Normal / Turbo)
- **Display Port** output support
- **4-phase** PWM power circuit
- 512MB or 1024MB version are available

With the powerful enhance of Golden Sample version, **Gainward HD 4870 Golden Sample** graphics comes with **775 MHz core clock**, **4000MHz memory clock** and 800 units of stream processors, 512MB or 1024MB high speed DDR5 memory and 256bits memory bandwidth with PCI-express 2.0 interface supports. **Gainward HD4870 Golden Sample** can completely run with the HD level resolution of DX10.1 games smoothly and deliver the highest quality of gaming experience, upscale the resolution to Full HD level and still get smooth gaming experience on most of games.

HD gaming with more detail effects

Most people purchase latest graphics card for better gaming experience, the previous generation of enthusiast graphics cards supports latest games to play smoothly on today's most popular display sizes, such as 20 and 22-inches. The **Gainward HD 4870 Golden Sample** graphics card on the other hand allows you to play most games at 1920x1200 which tend to become the default screen resolution for high end gamers. The **Gainward HD 4870 Golden Sample** takes it to the next level for those with a 24-inches or larger display with a resolution of 1920x1200. Custom Filter Anti-Aliasing performance has also been vastly improved on the **Gainward HD 4870 Golden Sample** which gives you a smoother and lag-free gaming experience, supports the latest DirectX 10.1 API for the best support for the most advanced 3D features in the latest games.

The **Gainward HD 4870 Golden Sample** supports dual link DVI output with support resolutions up to 2560x1600 and also supports Full HD resolution at 1920x1080 and 1920x1200. It is fully compatible with CRT displays via a DVI to D-sub adapter. **Gainward HD 4870 Golden Sample** are HDCP compliant and support ATI's AVIVO HD™ and H.264 decoding which allows you to watch the latest Blue-ray and HD movies on your computer or HDTV. With Gainward and ATI®, you don't just get a great gaming experience, you get a great HD video experience as well.

Make it "DUAL"!

To enhance more benefits for end-users, **Gainward HD 4870 Golden Sample** designed with **Dual BIOS** and **Dual Fan** technology. GAINWARD Dual BIOS technology is a **hardware overclocking switch** that allows users to run the **Gainward HD 4870 Golden Sample** at default frequencies with Core/Memory **750/3600MHz** when switch is on "**Normal**" position or run it at overclocked frequencies Core/Memory **775/4000MHz** when switch is on "**Turbo**" position. It brings up to **8% gaming speed improvement** without any difficult for entry level users.

Besides a better **Tri-Heatpipe design**, GAINWARD also improved the thermal design with dual fan solution. We use bigger fan above GPU core and another fan above PWM circuits, the dual fan design brings lower temperature and lower fan noise, also could backup each other to prevent fan issues.

Smart Utility - EXPERTool™

Gainward's unique EXPERTool™ is a smart and easy control software which allows users to monitor GPU's frequency, temperature and fan speed. The fan speed and GPU/Shader/memory clock are also adjustable in the EXPERTool™. The native alert tool is the best doorkeeper when the GPU's temperature is over the warning value, it automatically inform users to clock down the settings or turn off your PC to prevent from damaging the card.

Gainward HD4870 512MB GS



Specifications

Graphics processor	ATI® HD4870
Core clock	Up to 775MHz
Memory type	GDDR5
Memory Size / bandwidth	512MB or 1024MB 256 bits
Memory clock	Up to 4000MHz (1000MHz quad data rate)
Output	2x Dual-link DVI-I
Slot width / interface	Dual slot / PCI-Express 2.0
Features	ATI® CrossFireX™ technology 24x custom filter anti-aliasing (CFAA) and high performance 16x anisotropic filtering ATI® AVIVO™ HD technology Unified Video Decoder 2 (UVD) ATI PowerPlay™ Technology



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