AMD Launches ATI Radeon HD 4870 X2 -- World's Fastest Graphics Card

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AMD today announced the world's fastest graphics card, the ATI Radeon HD 4870 X2, advancing visual computing ever closer to eye-definition computing gaming and cinematic experiences and delivering a whopping 2.4 teraFLOPS of processing power. Also announced today is the ATI Radeon HD 4850 X2 graphics card, delivering blistering performance at a compelling price point.

These cards comprise the ATI Radeon HD 4800 X2 series, combining two ATI Radeon HD 4800 series GPUs with a more advanced cross-GPU connection based on the PCIe 2.0 standard, plus two gigabytes of memory – the most in any currently available consumer graphics card. These technologies combine to make the ATI Radeon HD 4800 X2 series perfectly suited for the most demanding games, able to deliver astonishing frame rates at extreme resolutions and image quality settings.

The capabilities of the ATI Radeon HD 4800 X2 series were on display yesterday in New York City, where leading experts from the game development community and Hollywood joined AMD to discuss and demonstrate eye-definition computing computing. Eye-definition computing is the art and science of achieving visual computing experiences that seem optically real. The tremendous computational 2.4 teraFLOPS horsepower of the ATI Radeon HD 4800 X2 series makes computing experiences that approach eye-definition computing possible. The first application of eye-definition computing computing, demonstrated by AMD in New York yesterday, is Cinema 2.0, the fusion of digital people, places and things, rendered with real-time interactivity.

Cinema 2.0 shows the power to digitally create interactive environments and characters that seem optically real in either a video game or digital cinema context. With the help of leading content creators, AMD demonstrated the first "virtual" actor to be rendered in real-time in perfect, lifelike detail, via the incredible processing power found in the ATI Radeon HD 4800 X2 series.

Based on an advanced 55nm design and leading DirectX 10.1 support, the ATI Radeon HD 4800 X2 series delivers engineering elegance and the industry's most compelling feature set. The ATI Radeon HD 4870 X2 is immediately available from e-tailers worldwide priced at USD $549 SRP, while the ATI Radeon HD 4850 X2 is scheduled to be available in September at an estimated price of USD $399.

"The ATI Radeon HD 4800 X2 series is proof that our graphics strategy is working. The response from OEMs, system integrators, game developers, press, and most importantly, from gamers regarding the ATI Radeon HD 4800 series products has been incredibly positive. Now, only a few short weeks after the launch of those products, AMD reclaims the ultimate performance crown and continues to deliver winning products to market in the ATI Radeon HD 4800 X2 series," said Rick Bergman, senior vice president and general manager, Graphics Products Group, AMD. "The ATI Radeon HD 4800 X2 series continues AMD technology leadership with support for DirectX 10.1, tessellation, and now 2GB of frame buffer. The new products join a line-up of stellar offerings, all of which are designed to give gamers experiences that approach eye-definition computing."

The ATI Radeon HD 4800 X2 series provides support for ATI CrossFireX™, enabling incredibly fast gaming PCs with unmatched performance at ultra-high settings. Enthusiast gamers can now run the most demanding games smoothly in at the highest settings, enabling modes that were not playable before. With the efficient use of all four

GPUs in a dual ATI Radeon HD 4870 X2 CrossFireX configuration, gamers will enjoy more than 3 times the performance of a single ATI Radeon HD 4870 card in many games.

"AMD has regained the graphics performance crown with this launch," said Patrick Cooper, Director of Product Planning, Alienware. "The ATI Radeon HD 4870 X2 is what gamers have been waiting for—blistering performance in DirectX 10.1 games backed by stable drivers for great scaling in ATI CrossFireX mode."

"Gamers that buy Falcon Northwest PCs demand nothing but the best possible performance, and today the one that delivers the best gaming experience, is a quad ATI CrossFireX rig using two ATI Radeon HD 4870 X2 cards, like those found in our Mach V," said Kelt Reeves, president of Falcon Northwest. "We're committed to bringing the world the ultimate gaming PCs featuring the leading technology. With support for the latest DirectX 10.1 games, only ATI Radeon graphics let us do that."

"As a premier provider of high-performance PCs, the stellar performance and leading technologies of the ATI Radeon HD 4800 X2 series makes it a perfect match for Velocity Micro," said Randy Copeland, President and CEO, Velocity Micro. "AMD once again has the fastest card around, and with support for the latest DirectX 10.1 games, it makes it a natural choice for gamers wanting the latest and greatest technology in their Velocity Micro system."

The ATI Radeon HD 4870 X2 delivers unsurpassed graphics horsepower, setting a new performance bar for visual computing with 2.4 teraFLOPS of processing power on a single card. It is also the world's first graphics card to include 2GB of ultra-high bandwidth GDDR5 memory. The ATI Radeon HD 4870 X2 features two GPUs based on a second generation 55nm technology and clocked at 750 MHz,

with a combined 1600 stream processors.

Engineered to be the world's fastest graphics card, the ATI Radeon HD 4870 X2 was built with efficiency, scalability and performance in mind, delivering four times the performance efficiency AMD high-end GPU offerings released just one year ago.6

Setting a new performance standard in graphics cards priced under $400, the ATI Radeon HD 4850 X2 provides the power to play today's most demanding titles at ultra-high settings. Like its big brother, the ATI Radeon HD 4850 X2 features 1600 stream processors, and two GPUs clocked at 625 MHz. The ATI Radeon HD 4850 X2 features 2GB of GDDR3 memory.

Source: AMD