AMD Radeon R9 290X graphics card pioneers new era in gaming

October 25 2013

AMD today launched the AMD Radeon R9 290X graphics card, introducing the ultimate GPU for a new era in PC gaming. As the top AMD Radeon R9 Series graphics card, the AMD Radeon R9 290X GPU delivers breathtaking performance while pushing the boundaries of audio and visual realism for gamers who demand the best.

"As the pinnacle of our new AMD Radeon R9 Series graphics cards, the AMD Radeon R9 290X GPU embodies AMD's leadership as the ultimate graphics solution for an exceptional gaming experience, affirming that Radeon is gaming," said Matt Skynner, general manager and corporate vice president, AMD Graphics Business Unit. "The formidable combination of Graphics Core Next (GCN) architecture, Mantle and AMD TrueAudio technology raises the bar for breathtaking audio and graphics, and powerful performance, giving enthusiasts an unprecedented gaming experience."

With AMD's award-winning Graphics Core Next (GCN) architecture at its core, the AMD Radeon R9 290X graphics cards have an unrivaled advantage with Mantle, an industry-changing technology developed by AMD. With Mantle, top game developers can harness the GCN-powered architecture found in both PCs and consoles, empowering them to speak the native language of the GPU core and benefit from an incomparable level of hardware optimization that unlocks revolutionary performance and image quality.

Equipped with the new AMD TrueAudio technology and made for ultra

resolution gaming, the AMD Radeon R9 290X GPU creates today's most immersive PC gaming experience.

AMD TrueAudio technology brings a heightened level of revolutionary audio immersion, surrounding gamers with realistic audio environments through stereo headsets and speakers. Armed with a dedicated audio processor in the GPU, the AMD Radeon R9 290X graphics card will deliver a richer and deeply immersive soundscape, including true to life echoes, convolution reverbs and incredibly realistic sounding environments.

Made to perform for UltraHD (4K) and AMD Eyefinity technology, the AMD Radeon R9 290X GPU elevates visual experiences on current and upcoming PC titles with superior image quality and expansive, eye-opening displays.

Features of the AMD Radeon R9 290X graphics cards include:

- 2,816 stream processing units
- Up to 1 GHz engine clock
- 4GB GDDR5 memory
- Up to 5.0Gbps memory clock speed
- 320GB/s memory bandwidth (maximum)
- 5.6 TFLOPS Single Precision compute power
- API support for DirectX 11.2, OpenGL 4.3 and Mantle

The AMD Radeon R9 290X graphics cards are available on Oct. 24, 2013 at a starting price of $549 USD and €399.

Provided by AMD

Citation: AMD Radeon R9 290X graphics card pioneers new era in gaming (2013, October 25)

retrieved 9 May 2024 from https://phys.org/news/2013-10-amd-radeon-r9-290x-graphics.html