

## **IT'S WAR with SAPPHIRE HD 5830 and HD 5850 !**

### **New Special Editions bundled with Call of Duty Modern Warfare 2**

SAPPHIRE Technology has just released two Special Edition graphics cards bundled with the highly acclaimed game Call of Duty - Modern Warfare 2

The SAPPHIRE HD 5830 is a new graphics card based on the latest 40nm graphics architecture from the ATI division of AMD. It features 1120 stream processors and 56 texture units. With its core clocks of 800MHz and DDR5 memory with speeds of 1000MHz (4GHz effective), it represents a new value proposition in the successful HD 5800 series.

The SAPPHIRE HD 5830 delivers fast, smooth implementation of DirectX10.1, DirectX 10 and DirectX 9.0 games and applications, and supports stunning new levels of detail, transparency and lighting effects in the latest releases of software using DirectX 11. All of this comes with the modest active power consumption of less than 175W – and using Dynamic Power Management the card has a new super low-power idle mode at less than 27W.

SAPPHIRE is now introducing the HD 5830 in a Special Edition bundling the highly acclaimed Call of Duty Modern Warfare2. A similar bundle will also be offered with a new Special Edition of the SAPPHIRE HD 5850.

### **Modern Warfare2**

Launched in 2009, Modern Warfare2 was heralded as the most anticipated game of the year and now performs outstandingly on this latest range of graphics hardware. The sequel to the best-selling first-person action game of all time, Modern Warfare 2 continues the gripping and heart-racing action as players face off against a new threat dedicated to bringing the world to the brink of collapse.

The game enjoys enormous popularity and demand. It features an epic single-player campaign that picks up immediately following the thrilling events from Call of Duty 4: Modern Warfare. The definitive multiplayer experience returns, with a host of new perks and enhancements, and a new cooperative SpecOps mode, creates the perfect combination of Modern Warfare's single-player intensity and the addictive replayability of its multiplayer mode.

### **DirectX 11 Support**

All the products in the HD 5800 series support the advanced graphical features of DirectX 11, and deliver spectacular video clarity, speed and visual effects, including over multiple monitors. They support the latest features demanded by DirectX 11, including DirectCompute 11 instructions, hardware Tessellation and multi-threaded communications with the system CPU. These combine to provide new capabilities for the interaction between transparent objects, new lighting and accelerated post processing effects.

## **Video processing**

Both the SAPPHIRE HD 5830 and HD 5850 models have the latest on board hardware UVD (Unified Video decoder) considerably reducing CPU load and delivering smooth decoding of Blu-ray™ and HD DVD content for both VC-1 and H.264 codecs, as well as Mpeg files. In this series the UVD has been enhanced to be able simultaneously to decode two 1080p HD video streams and to be able to display HD video in high quality with Windows Aero mode enabled. HDMI capability has also been upgraded to HDMI 1.3a with Dolby TrueHD and DTS-HD Master Audio support. They also support ATI Stream, accelerating applications such as Video transcoding by processing on the GPU Stream Processors rather than the system CPU.

The SAPPHIRE HD 5800 series is supported by AMD's DirectX 11 WHQL certified graphics driver which delivers support for all of the key DirectX 11 level features required for new gaming experiences and acceleration of next generation high performance applications as well as ATI Eyefinity and ATI Stream technology.

All trademarks acknowledged.

For more details please visit [www.sapphiretech.com](http://www.sapphiretech.com)