

SAPPHIRE ships 890G CrossfireX mainboard

Supports latest 6-core CPU from AMD and choice of graphics configurations

SAPPHIRE Technology has just released a new feature packed mainboard based on the highly acclaimed 890GX chipset from AMD, supporting the latest AMD processor families with DDR3 memory support and CrossfireX graphics options.

The SAPPHIRE PURE 890G (part number PC-AM3RS890G) is a fully featured mainboard in standard ATX format combining the powerful AMD 890GX Chipset and AMD SB850 south bridge. Four DIMM slots support up to 16GB of DDR3 1066/1333/1600 memory and there is an on-board 128MBit DDR3 sideport memory. The integrated high speed 6GB/s SATA3 hard drive interface caters for up to 6 devices with optional RAID functions, and an e-SATA port provides for the connection of external devices. There is also an Ultra DMA IDE connector and a legacy Floppy Disk interface. On board features include GigaBit LAN connector and Realtek HD Audio with 8-channel I/O, optical and coax outputs and 3D audio capability. There is support for up to 12 USB 2.0/1.1 devices, COM Port, IR and SPDIF including backplate connectors and headers.

The 890GX chipset has integrated graphics equivalent to an ATI 4290 graphics card, giving full DX10.1 support for the latest games and software. The on board UVD decodes BluRay and HD DVD content smoothly with low CPU loading. DVI, VGA and HDMI outputs are provided on the backplate. For greater graphics performance the two 8-lane PCI Express 2.0 X16 slots can be used to install the latest HD 5000 series graphics cards, either singly or in CrossfireX. Hybrid Crossfire is also supported with HD 4000 series graphics cards. Additional expansion capability is provided by one 32-bit PCI slot, one PCI-Express X1 slot and one mini PCI-E socket.

Quality is at a premium with this mainboard, which uses high-polymer solid electrolyte aluminium capacitors with extended operating temperature range for high reliability. A two digit debug display helps system setup, and the 16MB flash BIOS includes many performance tuning options, including stepping CPU voltages for overclocking and CPU smart fan support. The advanced power control on this mainboard design provides stable operation for the latest AMD AM3 processor families including the recently introduced 6-core Phenom II X6 series.

The PC-AM2RS890G joins the existing SAPPHIRE range of AMD compatible mainboards which include the successful PURE 785G and CrossfireX 790GX series and the PURE Element 740G for the budget conscious as well as the recently introduced mini-ITX solutions for embedded and industrial applications.

Details can be found in the mainboards section at www.sapphiretech.com

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