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Mitrionics Debuts Three Next Generation Hybrid Computing Development Systems at SC08'

Systems Built With Intel and AMD Processors, Altera FPGAs, and Servers From HP, Intel, and SGI

AUSTIN, TX--(Marketwire - November 17, 2008) - SC08' - Mitrionics, Inc., developer of the Mitrion™ Virtual Processor and the Mitrion Software Acceleration Platform, today announced the public debut of its three new Hybrid Computing Development Systems based on servers from HP, Intel and SGI at the Supercomputing 2008 Conference being held November 15-21, 2008 in Austin, Texas. The systems include licenses for the Mitrion Virtual Processor (MVP) coupled with XtremeData's XD2000i™ FPGA-based front side bus (FSB) in-socket accelerator (ISA) hardware and Altera's Stratix® III FPGA, plus the Mitrion Software Development Kit with parallel programming language and working example code. The systems are available in different configurations with prices ranging from approximately $20k. Mitrionics will be demonstrating the new systems at its Supercomputing 2008 booth # 1738 and also at its partner HP's booths.

"Mitrionics is making hybrid computing more accessible to world by introducing these new development systems based on industry standard systems from HP, Intel, and SGI," stated Mike Calise, executive vice

president and general manager of Mitrionics, Inc. "At SC08', we will be demonstrating accelerated genome informatics algorithm cores running on the Mitrion Virtual Processor at performance increases 10x to 100x over the non accelerated solutions."

"This turnkey approach with server vendor support will accelerate the adoption of FPGA co-processing solutions," said Misha Burich, senior vice president of research and development at Altera Corporation. "We are pleased to see the range of Stratix FPGA co-processing capabilities for Intel FSB and AMD HyperTransport™ technology being used by Mitrionics in their Hybrid Computing Development Systems to deliver significant cost, power and space savings."

"It's great to see all this come together in a complete system's solution," said Geno Valente, vice president of sales and marketing of XtremeData, Inc. "Mitrionics fills in the missing piece with their adaptable MVP processor and complete programming environment. It's also great to see our hardware being adopted by life sciences customers who will opt for this approach versus writing in Verilog or VHDL."

About Mitrionics Hybrid Computing Development Systems - Details available via links.

1.) HP Server Based System: Mitrionics MVP610 Hybrid Computing Server accelerated computing system based on the HP ProLiant DL165 G5.

2.) Intel Server Based System: Mitrionics MVP620 Hybrid Computing Server accelerated computing system based on an Intel® Server Systems SR1500ALR.

3.) SGI Server Based System: Mitrionics MVP622 Hybrid Computing Server accelerated computing system based on the SGI® Altix® XE 320.

Mitrionics Hybrid Computing Development Systems are designed for industry, academics, government agencies, genome centers, data services providers and independent software vendors (ISVs) that are interested in exploring the benefits of breakthrough hybrid computing architectures in practical workstation or server configurations. The applications that benefit from a system with at least two optimized compute processor types are those within genome informatics, Internet data processing, Business process optimization, and most non 64-bit floating point HPC applications. These demanding integer-centric codes benefit from the variable bit width operations and fine grain parallelism inherent to Altera and Xilinx FPGA accelerators tightly coupled with Intel's and AMD's fastest CPUs.

About Altera Corporation

Altera® Corporation (NASDAQ: ALTR) programmable solutions enable system and semiconductor companies to rapidly and cost-effectively innovate, differentiate and win in their markets. Find out more at www.altera.com.

About Mitrionics

Founded in 2001 and privately held, Mitrionics offers accelerated hybrid computing solutions. The Mitrion Virtual Processor (MVP) and the Mitrion Software Acceleration Platform accelerate a wide range of computing applications by exploiting the massively parallel and limitless internal bandwidth of standard FPGA architectures. Our products and services deliver a greener computing alternative, enabling 10x-

100x performance increases and 90% less power consumption. Mitrionics' customers are focused on adopting hybrid computing architectures to meet the exponential rise of compute requirements without adding additional watts to the computer system. The most noted users of MVP come from the areas of genome informatics, internet data processing and business process optimization. Mitrionics has key industry partnerships with processor companies Intel, AMD, Xilinx, and Altera, systems vendors HP and SGI, and accelerator module suppliers XtremeData and Nallatech. Mitrionics is privately held and located in Lund, Sweden and Los Gatos, CA. For information, visit the company Web site at www.mitrionics.com, or call 408-395-3247, or email: info@mitrionics.com

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