



Press Release

For immediate release

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Extreme Engineering Solutions, Inc. (X-ES) Presents the XPedite7170: A Low-Power 3U VPX Single-Board Computer Based on the Latest Intel® Core™2 Duo Processor

Middleton, WI – September 3, 2008 – Extreme Engineering Solutions has released the XPedite7170, a product which sets a new standard for high-performance computing by leveraging the latest in low-power Intel CPU technology. Utilizing the SU9300 (1.2 GHz) and SL9400 (1.86 GHz) Intel® Core™2 Duo processors, the XPedite7170 provides military-system designers with the optimum high-performance, low-power solution.

The XPedite7170 is a well-balanced product that excels in all aspects of embedded design. Superior computational ability is achieved with the use of Intel's next-generation 45-nm low-power Intel® Core™2 Duo processor operating at up to 1.86 GHz. A rich set of communication interfaces includes multiple USB, Gigabit Ethernet and Serial (RS-232/RS-422) ports. With support for up to 4 GB of DDR2 SDRAM and two external SATA interfaces, the XPedite7170 satisfies memory- and storage-intensive applications. Extensive operating system support for Linux, Microsoft Windows, Wind River VxWorks, QNX Neutrino, and Green Hills INTEGRITY provides an easy migration path from existing hardware and software platforms.

Configurable as either air-cooled or conduction-cooled, the XPedite7170 is designed to be a robust SBC solution for any environment. With the use of Extreme Engineering's proprietary Xficient™ technology, the XPedite7170 outperforms competitors by achieving improved thermal conductivity, allowing systems to run at higher performance levels.

A PMC/XMC expansion slot provides easy product customization and an optional I/O module allows convenient front-panel access to serial, Ethernet, and USB ports during lab development.

"The XPedite7170 represents a significant technological advancement for 3U VPX processing," states Ben Klam, Vice President of Engineering for X-ES. "By offering the XPedite7170 in five unique ruggedization levels from commercial to rugged-military, the XPedite7170 can be configured to operate cost-effectively in any environment," Klam adds.

Availability

An air-cooled commercial configuration of the **XPedite7170** is available for below \$3,000 in volume. Conduction-cooled, rugged military configurations range from \$5,895 to \$7,895. Pricing is based on processor speed, memory configuration, and ruggedization level.

About Extreme Engineering Solutions, Inc.

Extreme Engineering Solutions, Inc. (X-ES) designs and builds innovative CPU and I/O products within the embedded computer industry. X-ES offers cutting-edge performance and flexibility in design plus an unparalleled level of customer support and service. For further information on X-ES products or services, please visit our website: <http://www.xes-inc.com> or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/Products/XPedite7170/XPedite7170.html>

Press Photo: http://www.xes-inc.com/images/product/XPedite7170_photo_large.jpg

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