



Press Release

For immediate release

For further information:

Dave Barker, Marketing Director

(281) 644-0248

dbarker@xes-inc.com

Extreme Engineering Solutions (X-ES) Announces Two-Slot Conduction Cooled 6U VPX Development Platform

Middleton, WI – Aug 25, 2010 – Extreme Engineering Solutions (X-ES) is shipping from stock the XPand1010, a two-slot 6U VPX (VITA 46) conduction-cooled chassis. The chassis provides system engineers with an inexpensive 6U VPX desktop or lab bench platform to jump-start software or hardware development when using X-ES Freescale- or Intel-based CPU boards.

The XPand1010 is unique in that it allows customers to utilize fully rugged, conduction-cooled cards in a small footprint, low-cost development chassis. Customers can then install those same 6U VPX cards into deployable ATR or similar chassis with no changes to the 6U modules. This is in contrast to the traditional model of development for conduction-cooled systems, in which early work is performed using non-rugged, air-cooled cards that are mechanically and thermally incompatible with the final deployed system.

The XPand1010 hosts up to two 6U VPX conduction-cooled cards, providing fabric interconnect between the two slots, as well as easy access to Gigabit Ethernet, SATA, USB, DVI, and serial port I/O from one or both of the installed 6U VPX SBCs. The XPand1010's design eliminates card cages, rear transition modules, and large noisy fans typically found in air-cooled development chassis.

Powered by an external ATX supply and featuring an integrated conduction-cooling system, the XPand1010 chassis is ideal for office desktop or lab bench use. The conduction-cooled nature of the chassis allows for near-silent operation on a desktop or lab bench. Front and rear acrylic panels provide an impressive showcase for safe viewing of the installed cards and can be removed for access to the hardware.

“Customers have already enjoyed XPand1010's near-instant development start-up. It's easy to install and boot your Intel Core i7 processor platforms or Freescale 8572E, 8640D, and P4080 processor cards,” states Bret Farnum, VP Sales, adding, “the full complement of I/O gives developers everything they need – right out of the box.”

Pricing and Availability: The complete XPand1010 development system includes a backplane with integrated I/O connectors, conduction cooling system, and power supply. Priced at just \$3,295, the XPand1010 is available immediately.

About Extreme Engineering Solutions, Inc. Extreme Engineering Solutions, Inc. (X-ES) designs and builds chassis, single-board computers, I/O, power, backplane, and system-level 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 at www.xes-inc.com or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XPand1010-DS.pdf>

Press Photo: http://xes-inc.com/assets/photos/content/135820_XPand1010-Photo1-L.jpg

All trademarks are property of their respective owners.