



Press Release

For immediate release

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Extreme Engineering Solutions, Inc. (X-ES) Ships XPedite5170: First 3U VPX Single-Board Computer Targeting Freescale MPC 8640D Processor

Middleton, WI – March 2, 2009 – Extreme Engineering Solutions is shipping XPedite5170, a feature-rich 3U VPX (VITA 46) solution targeting Freescale Semiconductor's dual-core MPC8640D processor. The XPedite5170 delivers enhanced PowerPC performance with AltiVec technology and power efficiency for today's military customers requiring high performance in small form factors.

XPedite5170, hosting Freescale's MPC8640D embedded PowerPC processor with dual e600 cores running up to 1.25 GHz, includes:

- Two channels of 1 - 4 GB of DDR2-533 SDRAM
- Up to 4 GB of NAND flash and 256 MB of NOR flash
- Dual Gigabit Ethernet ports
- PCI Express or Serial RapidIO Fat Pipe P1 interconnect
- P2 interconnect includes:
 - GPIO
 - Two RS-232/RS-422/RS-485 serial ports
 - I²C
 - PMC I/O
- In-house X-ES operating system support includes:
 - Green Hills INTEGRITY™ Board Support Package (BSP)
 - Wind River VxWorks™ BSP
 - QNX Neutrino™ BSP
 - Linux LSP
- Guaranteed 4-hour technical response to all hardware and software questions

"XPedite5170 provides a new level of PowerPC computing power in a military-centric package," states Bret Farnum, VP of Sales. "If an existing 7448 or 7457 customer is looking for a tech refresh / performance boost for the next generation, 8640D is the best upgrade path with AltiVec support."

Pricing and Availability. **XPedite5170** is shipping today with XPand1000 development chassis. Pricing varies from \$6,000-8,000 depending on ruggedization level, memory configuration and quantity purchased.

About Extreme Engineering Solutions, Inc.

Extreme Engineering Solutions, Inc. (X-ES) designs and builds single-board computer 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: www.xes-inc.com or call (608) 833-1155.

Data Sheet: <http://xes-inc.com/Products/XPedite5170/XPedite5170.html>

Press Photo: http://xes-inc.com/images/product/XPedite5170_photo_large.jpg

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