



Press Release

For immediate release

For further information:

Bret Farnum, VP Sales

Extreme Engineering Solutions

(760) 632-9415

bfarnum@xes-inc.com

Extreme Engineering Solutions Introduces XPedite5330: A Low-Power 3U cPCI Single-Board Computer Targeting Freescale MPC8572E Processor

Middleton, WI – November 17, 2008 – Extreme Engineering Solutions (X-ES) is pleased to introduce **XPedite5330**, a new 3U CompactPCI single-board computer based on Freescale Semiconductor's MPC8572E PowerQUICC® III processor. In addition to the MPC 8572E dual-core processor, **XPedite5330** provides a PMC/XMC site along with Gigabit Ethernet and the traditional PCI bus. To provide a system designer with multiple hardware options, **XPedite5330** is available in a full range of convection- or conduction-cooled configurations.

XPedite5330 operates with two 1.5-GHz e500 cores based on Power Architecture® technology, and supports:

- Two separate DDR2-800 ECC SDRAM channels with up to 2 GB per channel
- Up to 4 GB of NAND flash and 256 MB of redundant NOR flash
- 32-bit/33-MHz PCI
- Two Gigabit Ethernet ports
- J2 connector I/O includes:
 - GPIO
 - I²C
 - PMC I/O
 - Two RS-232/RS-422/RS-485 serial ports
- Operating system support:
 - Wind River VxWorks Board Support Package (BSP)
 - QNX Neutrino BSP
 - Green Hills INTEGRITY BSP
 - Linux 2.6

“**XPedite5330** is a continuation of Extreme's dedication to a modular product assembly line, allowing Extreme to move from one form factor to another with virtually identical hardware and software. Freescale's advanced MPC8572E dual-core processor is a natural fit to expand our 3U CompactPCI product offerings to our customers in a low-power/high-performance form factor,” states Aaron Lindner, Engineering Manager for X-ES.

“Extreme Engineering’s third MPC8572E product development in as many months underscores the company’s expertise in deploying Freescale silicon into compelling designs,” states Glenn Beck, a marketing manager within Freescale’s Networking Systems Division. “Offering customers multiple hardware configurations plus direct RTOS support helps our joint customers get to market fast.”

XPedite5330 is available and shipping today. Pricing varies based on memory configuration, environmental requirements and volume commitments from \$2,000 to \$8,000.

About Extreme Engineering Solutions, Inc.

Extreme Engineering Solutions, Inc. (X-ES) designs and builds single-board computers 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://www.xes-inc.com/Products/XPedite5330/Datasheet/XPedite5330ds.pdf>

Press Photo: http://www.xes-inc.com/images/product/XPedite5330_photo_large.jpg

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