



Press Release

For immediate release

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Extreme Engineering Solutions, Inc. (X-ES) Announces XCalibur1331: A 6U VME Module Featuring Freescale MPC 8640D Processor

Middleton, WI – August 12, 2009 – Extreme Engineering Solutions is shipping XCalibur1331, a high-performance, conduction- or air-cooled, 6U VME solution featuring Freescale Semiconductor's dual-core MPC8640D processor. The XCalibur1331 is ideal for ruggedized systems requiring high bandwidth processing and low power consumption. The 8640D delivers enhanced performance with AltiVec™ technology and IEEE dual-precision floating point.

XCalibur1331 features include:

- Freescale MPC 8640D processor with dual PowerPC e600 cores up to 1.25 GHz
- Two channels of up to 4 GB of DDR2-533 ECC Memory with ECC
- Up to 4 GB of NAND flash and 256 MB of NOR flash, with redundancy
- Two PrPMC/XMC slots
- Four Gigabit Ethernet ports
- Three USB 2.0 ports
- One SATA 3.0 Gb/s port
- 2eSST VME interface
- 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

“XCalibur1331 is a wonderful platform for military, industrial and communication customers targeting high end PowerPC processors. The 8640D provides a natural progression and upgrade path from earlier AltiVec enabled processors like 7447A and 7448,” states Bret Farnum, VP Sales. “The 8640 gives customers a perfect balance of performance, power and price,” adds Farnum.

Pricing and Availability. **XCalibur1331** is shipping today; depending on ruggedization level, memory configuration and quantity purchased pricing may vary; please contact sales for more information.

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/XCalibur1331/XCalibur1331.html>

Press Photo: http://xes-inc.com/images/product/XCalibur1331_photo_large.jpg

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