



Press Release

For immediate release

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Extreme Engineering Solutions, Inc. (X-ES) Introduces XCalibur1541: A 6U VPX SBC Featuring Freescale MPC 8572E Processor

Middleton, WI – December 3, 2009 – Extreme Engineering Solutions is shipping XCalibur1541, the MPC8572E based 6U VPX board that ranges from commercial to full blown military (conduction-cooled) applications. With Freescale Semiconductor's dual-core MPC8572E PowerQUICC™ III processor, XCalibur1541 delivers enhanced performance and efficiency for today's commercial, industrial and military embedded computing applications. **XCalibur1541** is a powerful solution structured for system designers demanding high processing performance with lower power consumption and also features:

- Freescale MPC 8572E PowerQUICC III processor with dual e500 Power Architecture® cores at up to 1.5 GHz
- Two channels of up to 4 GB of DDR2-800 ECC SDRAM
- Up to 4 GB of NAND flash and 256 MB of NOR flash
- Four Gigabit Ethernet ports
- Two SATA 3.0 ports
- Two USB ports
- Two PrPMC/XMC interfaces
- In-house X-ES operating system support includes:
 - Green Hills INTEGRITY™ Board Support Package (BSP)
 - Wind River VxWorks™ BSP
 - QNX Neutrino™ BSP
 - Linux BSP
- Guaranteed 4-hour technical response to all hardware and software questions

Pricing and Availability: **XCalibur1541** is available now from stock; pricing starts at \$8,095 and may vary based on processor speed, memory configuration and ruggedization level. Volume discounts are available.

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: www.xes-inc.com or call (608) 833-1155.

Data Sheet: <http://xes-inc.com/Products/XCalibur1541/XCalibur1541.html>

Press Photo: http://xes-inc.com/images/product/XCalibur1541_photo_large.jpg

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