



## Press Release

*For immediate release*

*For further information:*

*Bret Farnum, VP Sales*

*(760) 632-9415*

[bfarnum@xes-inc.com](mailto:bfarnum@xes-inc.com)

### **Extreme Engineering Solutions, Inc. (X-ES) Announces XCalibur1501: A 6U CompactPCI SBC Featuring Freescale MPC 8572E Processor**

**Middleton, WI – August 18, 2009** – Extreme Engineering Solutions is shipping XCalibur1501, the first MPC8572E based 6U CompactPCI board that scales from commercial to full blown military (conduction-cooled) applications. Targeting Freescale Semiconductor's dual-core MPC 8572E PowerQUICC™ III processor, XCalibur1501 is being adopted by commercial, industrial and military system architects demanding high processing performance with low power consumption.

**XCalibur1501** is a powerful solution for the next generation of computationally intensive embedded applications and 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 SDRAM with ECC
- Up to 4 GB of NAND flash and 256 MB of NOR flash
- PICMG 2.16 backplane Gigabit interface
- Two SATA 3.0 Gb/s ports
- Three USB 2.0 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 LSP
- Guaranteed 4-hour technical response to all hardware and software questions

“Early adopters of XCalibur1501 are enjoying high performance, low power and I/O flexibility courtesy of the dual PMC / XMC sites available on XCalibur1501,” states Bret Farnum, Vice President of Sales. “We’re seeing Solid State Memory, Ethernet, serial, and 1553 modules being added to replace EOL or other antiquated CPU solutions,” adds Farnum.

“Extreme Engineering’s continuing MPC8572E product development underscores the company’s expertise in deploying Freescale silicon into compelling designs,” said Stephen Turnbull high performance portfolio manager for Freescale's Networking Systems Division. “Offering

customers multiple hardware configurations based on world class Freescale processors helps our joint customers get to market fast.”

**Pricing and Availability:** XCalibur1501 is available now from stock; pricing starts at \$4,495 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 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](http://www.xes-inc.com) or call (608) 833-1155.

Data Sheet: <http://xes-inc.com/Products/XCalibur1501/XCalibur1501.html>

Press Photo: [http://xes-inc.com/images/product/XCalibur1501\\_photo\\_large.jpg](http://xes-inc.com/images/product/XCalibur1501_photo_large.jpg)

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