



## Press Release

*For immediate release*

*For further information:*

*Dave Barker, Marketing Director*

*(281) 644-0248*

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

### **Extreme Engineering Solutions Introduces XPedite5430: Industry's First 3U CompactPCI Module with Freescale Eight-Core P4080 Processor**

**Middleton, WI – September 9, 2010** – Extreme Engineering Solutions (X-ES) announces the immediate availability of the [XPedite5430](#), a conduction- or air-cooled 3U cPCI single-board computer based on the Freescale QorIQ P4080 processor. The [XPedite5430](#) delivers enhanced performance and efficiency for today's compute and I/O intensive communication, networking, and military ISR applications.

The [XPedite5430](#) feature set includes:

- Freescale P4080 processor with eight 1.5-GHz Power Architecture e500 cores
- Up to 8 GB of DDR3-1333 ECC SDRAM
- Up to 16 GB of NAND flash and 256 MB of redundant NOR flash
- X4 PCI Express or Serial RapidIO interfaces
- Two Gigabit Ethernet ports
- Two serial ports
- Two USB ports
- Operating system support:
  - Green Hills INTEGRITY™ Board Support Package (BSP)
  - Wind River VxWorks™ BSP
  - Linux BSP

Aaron Lindner, Engineering Manager for X-ES, believes the X-ES line of QorIQ-based products will be well received by defense contractors. "The QorIQ processors provide customers with superior SWaP performance along with advanced security features that many of today's military applications require." Lindner added, "The P4080 also provides a smooth upgrade path for developers with a PowerPC code base."

The [XPedite5430](#) is the second in a series of board-level products from X-ES based on the QorIQ P4080 processor, following the [XPedite5470](#) 3U VPX module. To satisfy the widest range of applications, from telecommunications to military applications with MIL-STD 810F requirements, all of X-ES's P4080 products are available in air-cooled, commercial (0 to 55°C) to rugged, conduction-cooled (-40 to +85°C) versions with appropriate shock and vibration testing.

The [XPedite5430](#) pricing varies depending on memory configuration and ruggedization level. It is available now in limited quantities for development; production hardware is expected to be available in 4Q10.

**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](http://www.xes-inc.com) or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XPedite5430-DS.pdf>

Press Photo: [http://xes-inc.com/assets/photos/content/063746\\_XPedite5430\\_photo\\_large.jpg](http://xes-inc.com/assets/photos/content/063746_XPedite5430_photo_large.jpg)

All trademarks are property of their respective owners.