



Press Release

For immediate release

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Extreme Engineering Solutions, Inc. (X-ES) Announces XPedite5470: A Freescale Eight-Core P4080 Processor-Based OpenVPX™ Module

Middleton, WI – May 26, 2010 – Extreme Engineering Solutions, Inc. (X-ES) is proud to announce XPedite5470, a high-performance 3U OpenVPX™ single-board computer with Freescale QorIQ P4080 processor. The XPedite5470 delivers enhanced Power Architecture™ performance and power efficiency for today's military customers requiring high performance in small form factors.

XPedite5470 provides a new level of Power Architecture computing power with features including:

- Freescale P4080 processor with eight Power Architecture e500 cores at up to 1.5 GHz
- 8 GB DDR3-1333 ECC SDRAM in two channels
- 256 MB NOR and 16 GB NAND flash
- Hardware write-protection for NVRAM
- Serial RapidIO, x4 PCI Express, and SERDES Gigabit Ethernet interconnects
- Ethernet and serial ports

X-ES is committed to deliver Freescale Semiconductor's QorIQ P4080 in five additional unique form factors; 3U CompactPCI, PMC/XMC, VME, 6U VPX, and 6U CompactPCI, covering the entire embedded product market. To satisfy the widest range of customer applications, from telecommunications to MIL-STD 810F military requirements, all of X-ES's P4080 products are engineered to scale from air-cooled commercial (0-55°C) to full conduction-cooled (-40 to +85°C) with appropriate shock and vibration testing. Linux, Wind River VxWorks, QNX Neutrino, and Green Hills INTEGRITY Board Support Packages (BSPs) are available.

"For high-end military compute applications, the P4080 provides PowerPC customers an easy and natural code migration for man-years of big-endian based applications," states Aaron Lindner, X-ES Engineering Manager. "XPedite5470 is the latest in our VPX product line providing customers the ability to maximize system performance in a minimum number of compute slots."

Pricing and Availability: The XPedite5470 is available now in limited quantities for development; production hardware is expected to be available in 4Q10. Contact your X-ES sales representative for pricing.

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

Data Sheet: <http://www.xes-inc.com/Products/XPedite5470/XPedite5470.html>

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