



## Press Release

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### Dual MPC7448 AMC Module from Extreme Engineering

#### Expanding AdvancedTCA and MicroTCA Platforms to New Levels of Processing Power

**Madison, WI, May 10, 2006** – Can you ever really get enough processing power in a communications or networking system? AdvancedTCA® blades are powerful, but the option to add more processing to deal with more users, more connections, and new features is handy. To pack more processing power into your next design during development or when upgrading, consider the data-moving, number-crunching **XPedite6240 Advanced Mezzanine Card (AMC)** from Extreme Engineering Solutions (X-ES, Inc.) powered by dual Freescale MPC7448 processors containing PowerPC® cores.

Extreme Engineering Solutions, a growing embedded products company, today announces general availability of the XPedite6240 AMC supported by Linux®, INTEGRITY®, QNX®, and VxWorks® software. Expanding AdvancedTCA blades with up to four XPedite6240s is now possible, providing eight total Freescale MPC7448 processors in a single AdvancedTCA slot. For an even denser packaging option, XPedite6240 can be plugged directly into a MicroTCA™ backplane, using either a PCI Express or Gigabit Ethernet backplane connection. Now, those expanding processing requirements can be tackled easier than ever before.

Key features of **XPedite6240** are:

- Advanced Mezzanine Card (AMC) module form factor,
- Dual Freescale MPC7448 processors containing PowerPC cores and AltiVec™ technology to 1.7GHz,
- Single Freescale MPC7448 to 1.4GHz as a build option,
- Marvell Discovery III MV64460 System Controller,
- 1GB of DDR SDRAM,
- 128MB FLASH,
- Dual Gigabit Ethernet ports,
- Serial port, RTC and NVRAM,
- Optional PCI Express (AMC.1 lanes 4-7) or Ethernet (AMC.2 lanes 0, 1) AMC transport,
- In-house software support for Linux, INTEGRITY, QNX, and VxWorks,
- Extreme's guaranteed 4-hour response to technical questions.

*more*

“XPedite6240 expands systems capability wherever there are AMC sites,” states Bret Farnum, VP of Sales for Extreme Engineering. “The dual MPC7448 AMC design is helping AdvancedTCA early adopters to increase system performance by an order of magnitude by packing more processors onto a single blade than ever before.”

“Communications and networking equipment is all about processing density. The new Extreme Engineering XPedite6240 with its dual MPC7448 processors breaks new ground in adding processing capability to AdvancedTCA and MicroTCA platforms,” said Toby Foster, dual-core system architect for Freescale’s Digital Systems Division. “Customers using AMCs can step up quickly and easily to the processing power offered by dual MPC7448s, and benefit from the excellent performance-to-power ratio.”

XPedite6240 is the first AMC offered by Extreme Engineering and joins the XPedite6200 PrPMC as firsts in dual processor MPC7448 solutions on the market. The XPedite6240 targets the growing availability of AdvancedTCA cards with AMC sites and MicroTCA systems destined for communications and networking applications. The XPedite6240 data sheet is located at: <http://www.xes-inc.com/Products/XPedite6240/XPedite6240.html>

#### **Product Pricing and Availability**

XPedite6240 is part of Extreme Engineering’s “Ship Today” program and available immediately with Linux, INTEGRITY, QNX, or VxWorks BSP’s. Single quantity pricing for XPedite6240 starts at \$3,295 with OEM pricing below \$2,000 – depending on volume, memory and processor configurations.

#### **About Extreme Engineering Solutions, Inc.**

Extreme Engineering Solutions (X-ES, Inc.) was founded with the focus of building high performance processor and I/O products within the embedded computer industry. The goal of X-ES is to offer cutting edge performance and flexibility in design; combining this creativity with an unparalleled level of customer support and service. For further information on products or services, please visit our website: [www.xes-inc.com](http://www.xes-inc.com) or call (608) 833-1155.

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For high resolution photos of the XPedite6240, visit: [http://www.xes-inc.com/photos/XPedite6240\\_highres.jpg](http://www.xes-inc.com/photos/XPedite6240_highres.jpg)

For a 300dpi x 300dpi photo of XPedite6240, visit: [http://www.xes-inc.com/photos/XPedite6240\\_medres.jpg](http://www.xes-inc.com/photos/XPedite6240_medres.jpg)

For a 150dpi x 150dpi photo of XPedite6240, visit: [http://www.xes-inc.com/photos/XPedite6240\\_lowres.jpg](http://www.xes-inc.com/photos/XPedite6240_lowres.jpg)