



## Press Release

***For immediate release***

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### **Extreme Engineering Solutions (X-ES) Presents XPedite5201: A Conduction-Cooled Processor PMC / XMC Solution Targeting Freescale MPC 8548E**

**Middleton, WI – November 19, 2008** – Extreme Engineering Solutions (X-ES) introduces **XPedite5201**, the first conduction-cooled PrPMC / XMC targeting Freescale Semiconductor's MPC 8548E PowerQUICC® III processor. This card comes standard with PCI-X support and optional PCI Express support via an XMC connector. **XPedite5201** is an optimal solution for military system designers that need to include additional processing in an existing system, or want to utilize the advantageous performance/watt characteristics of the 8548E.

**XPedite5201**, with the Freescale MPC8548E embedded PowerPC e500 core running at 1.333 GHz, includes:

- Up to 4 GB of DDR2-533 SDRAM
- Up to 4 GB of NAND flash and 256 MB of redundant NOR flash
- Rear I/O includes:
  - Two Gigabit Ethernet ports
  - GPIO
  - Two RS-232 serial ports
- 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

“The extremely low power coupled with conduction-cooled design makes XPedite5201 a wonderful choice for boosting existing system performance,” states Bret Farnum, Vice President of Sales, “We’ve already had several customers adopt XPedite5201 for future generation combat systems.”

“Freescale is pleased to see 8548E migrate to military applications with Extreme Engineering’s **XPedite5201**. Their form factor is ideal for smaller avionics and man-pack applications requiring a combination of performance and low power,” states Glenn Beck, a marketing manager within Freescale’s Networking Systems Division.

**Pricing and Availability.** **XPedite5201** is shipping today. Pricing starts at \$6,000; discounts are available based on memory configuration and volume purchases.

**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://www.xes-inc.com/Products/XPedite5201/Datasheet/XPedite5201ds.pdf>

Press Photo: [http://www.xes-inc.com/images/product/XPedite5201\\_photo\\_large.jpg](http://www.xes-inc.com/images/product/XPedite5201_photo_large.jpg)

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