



# News Release

## For Immediate Release

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## **Themis Computer Launches New Mission and Payload Systems Products**

*Themis' new 3U VPX single board computers, chassis, and pre-configured systems products to offer reduced Size, Weight and Power (SWaP)*

FREMONT, California – May 4, 2010 - Themis Computer® announces its Mission and Payload Systems Initiative (MPSI). The Themis MPSI is aimed at providing integrated system solutions and value-added services to Themis military and aerospace customers. Themis' MPSI will focus on specific market platforms including Unmanned Air Vehicle (UAV), helicopter, fixed wing aircraft, ground vehicles and military robotics. The MPSI target applications include UAV Sensor Processors, Data Processing and Recording Units, Mission Computers, Display Processors and EW / SIGINT Suite Controllers for new platforms as well as platform upgrades.

As a part of the MPSI, Themis has assembled an ever-growing suite of 3U VPX conduction cooled hardware to use as building block solutions for these applications. The new Themis hardware includes both a 5-Slot conduction cooled chassis, as well as an 8-Slot ½ ATR conduction cooled chassis with Universal Cooling and Configuration Options.

Complementing Themis' new 3U VPX rugged chassis products are an Intel® Core™ i7 based Single Board Computer, an ATI E4690 based General Purpose Graphics Processing Unit (GPGPU), an 8 channel SATA / SAS RAID Controller with PMC/XMC mezzanine site, and a general purpose PMC/XMC carrier card for miscellaneous I/O. Themis will also provide integration services and support for third party partner companies that will provide Software Defined Radio (SDR) functionality, FPGA & Power PC Processing, as well as Avionics Data Bus Interfaces, including MIL-STD-1553 and ARINC 429. Themis' approach to providing integrated system solutions utilizing this 3U VPX hardware includes being able to deliver a variety of "Off-the-Shelf" system configurations in a very short period of time, often in 60 to 90 days.

"These new products and our larger Mission and Payload Systems Initiative enable Themis to cost effectively meet the demands of emerging unmanned aircraft systems and defense robotics markets. This technology is equally well suited to transportation and traditional defense markets,"

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stated William Kehret, president of Themis Computer. "Our entry into these markets is a win-win proposition for us and our customers, who are now able to replace aging technologies with next generation, more cost effective and higher performance ecosystems", Mr. Kehret added.

As part of the larger MPSI, Themis has also developed the capability to integrate its air cooled Intel and SPARC processors into airborne systems utilizing ½ ATR and ¾ ATR convection cooled rugged chassis products.

### **See Themis' Environmentally Robust Servers and Single-Board Computers at Sea-Air-Space**

Announcements that include product availability, configurations, options and pricing will follow soon. In the meanwhile, visit Themis Computer at the Sea-Air-Space 2010 in Washington DC, May 3-5 in booth #402 and see its new Mission and Payload Systems products, the latest in its line-up of Rugged Enterprise Servers, Storage, CoolShell Technology, and meet the Themis team.

Themis Computer is a leading provider of embedded computers for mission critical applications. Themis offers a broad range of compact, multi-vendor servers, including AMD®, IBM®, Intel and Sun® Microsystems-based platforms. Themis' high performance servers, single-board computers and graphics controllers are now being integrated worldwide into advanced communications and defense systems. The Themis Computer family of COTS VME-based board and system products provide the increased processing power and reliability necessary for demanding application environments, while achieving a net reduction in total cost of ownership.

### **About Themis Computer**

Themis Computer is a leading developer and supplier of high performance board and system level products for mission-critical telecommunications, military/aerospace, and industrial embedded applications. Themis provides open standards-based embedded computing platforms that support the Solaris™, Linux®, and Windows® operating systems. Themis' products incorporate features designed to ensure high reliability and availability while reducing the risks of failure caused by extreme environments. An ISO 9001 certified company, Themis Computer practices Total Quality Management (TQM) in all areas of its business, from engineering and manufacturing to customer service. Themis Computer is headquartered in Fremont, California and offers worldwide service and support. For more information please visit [www.themis.com](http://www.themis.com) or email: [info@themis.com](mailto:info@themis.com).

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