



Press Release

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X-ES Introduces 6U CompactPCI SBC Featuring 3rd Generation Intel® Core™ i7 Processor

Middleton, WI – September 12, 2012 – Extreme Engineering Solutions, Inc. (X-ES) introduces the [XCalibur4402](#), a 6U CompactPCI Single Board Computer (SBC) supporting the 3rd generation Intel® Core™ i7 processor. Available in conduction- or air-cooled versions, the [XCalibur4402](#) utilizes the processor's dual- or quad-core technology with Intel Hyper-Threading technology, making it an excellent COTS solution for military, communications, and industrial applications.

The [XCalibur4402](#) features include:

- Conduction- or air-cooled 6U CompactPCI module
- Dual- or quad-core 2nd generation Intel Core i7 and 3rd generation Intel Core i7 processors with Intel Hyper-Threading Technology and Intel QM67 Express chipset
- Processor configurations supported are:
 - Intel dual-core i5-2655LE: 2.2 GHz, 4 MB cache
 - Intel dual-core i7-2610UE: 1.5 GHz, 4 MB cache
 - Intel dual-core i7-3555LE: 2.5 GHz, 4 MB cache
 - Intel dual-core i7-3517UE: 1.7 GHz, 4 MB cache
 - Intel quad-core i7-3612QE: 2.1 GHz, 6 MB cache
- Up to 16 GB of DDR3-1600 ECC SDRAM in two channels
- Up to 128 GB of NAND flash and 32 MB of NOR flash
- Rear panel Gigabit Ethernet ports
- Rear panel USB 2.0 ports
- Rear panel SATA 3.0 Gb/s ports
- Rear panel graphics ports
- Front panel RS-232/485 serial port (optional)
- Front panel 10/100/1000BASE-T Ethernet port (optional)
- Front panel USB 2.0 port (optional)
- Two PrPMC/XMC sites
- Complies with PICMG 2.0, 2.1, 2.3, 2.9, and 2.16
- In-house X-ES operating system support for:
 - Wind River VxWorks BSP
 - Linux BSP
 - Windows drivers
 - Others upon request (QNX Neutrino BSP, LinuxWorks LynxOS BSP, and Green Hills INTEGRITY BSP)

About X-ES — Extreme Engineering Solutions, Inc. (X-ES), a 100% U.S.A.-based company, designs and builds single-board computers, I/O boards, power supplies, backplanes, chassis, and system-level solutions for embedded computing customers. 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 or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XCalibur4402-DS.pdf>

Press Photo: http://www.xes-inc.com/assets/photos/content/081306_XCalibur4402.jpg

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