



Press Release

For immediate release

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X-ES Announces XCalibur4301: A 6U CompactPCI Single Board Computer with Intel® Core™ i7 Processor

Middleton, WI – October 28, 2010 – Extreme Engineering Solutions, Inc. (X-ES) announces the immediate availability of [XCalibur4301](#), a conduction- or air-cooled 6U CompactPCI Single Board Computer (SBC) based on the Intel® Core™ i7 processor. For upgrades to existing commercial, industrial and military 6U cPCI applications, the [XCalibur4301](#) delivers significant performance and efficiency improvements over previous SBCs.

The [XCalibur4301](#) is a powerful solution for the next generation of compute intensive embedded applications with a feature set that includes:

- Intel Core i7-610E, -620LE, and -620UE processors
- Dual-core with hyper-threading technology
- Two channels of up to 16 GB (8 GB each) DDR3-1066 ECC SDRAM
- Up to 128 GB of NAND flash and 32 MB of NOR flash
- Front- and rear-panel Gigabit Ethernet ports
- Front- and rear-panel graphics ports
- Two PrPMC/XMC sites
- Complies with PICMG 2.0, 2.1, 2.3, 2.9, 2.16
- In-house X-ES operating system support includes:
 - Green Hills INTEGRITY™ Board Support Package (BSP)
 - Wind River VxWorks™ BSP
 - QNX Neutrino™ BSP
 - Linux BSP
 - Windows drivers
- Guaranteed 4-hour technical response to all hardware and software questions

To satisfy the widest range of applications, from telecommunications to military applications, the [XCalibur4301](#) is engineered to scale from an air-cooled, commercial (0 to 55°C) version to a rugged, conduction-cooled (-40 to +85°C) version with appropriate environmental test methods.

About X-ES – 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: www.xes-inc.com or call (608) 833-1155.

Data Sheet: <http://xes-inc.com/assets/products/files/XCalibur4301-DS.pdf>

Press Photo: http://xes-inc.com/assets/photos/content/090712_XCalibur4301.jpg

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