



## Press Release

Dave Barker, Marketing Director

(281) 644-0248

[dbarker@xes-inc.com](mailto:dbarker@xes-inc.com)

### X-ES Adds 6U VPX Module to Its Line of Intel® Core™ i7 Processor-Based Products

**Middleton, WI – October 25, 2012** – Extreme Engineering Solutions (X-ES) introduces the [XCalibur4440](#), a conduction- or air-cooled 6U VPX Single Board Computer (SBC) supporting 2<sup>nd</sup> and 3<sup>rd</sup> generation Intel® Core™i7 processors. With a dual- or quad-core processor, 16 GB of memory, and dual PMC/XMC sites, the [XCalibur4440](#) is an ideal platform for the most demanding military applications.

The [XCalibur4440](#) features include:

- Intel Core i7-2655LE, -2610UE, -3555LE, -3517UE, and -3612QE processors
- Conduction- or air-cooled 6U VPX form factor, OpenVPX compliant
- Up to 16 GB of DDR3-1600 ECC SDRAM in two channels
- 32 MB of boot flash and up to 256 GB of user flash
- Dual PMC/XMC interfaces with rear I/O and front panel I/O support
- Two 10/100/1000BASE-T Ethernet and two 10/100/1000BASE-BX Ethernet ports
- One HDMI/DVI-D video port
- Four USB 2.0 ports
- Four SATA 3.0 Gb/s ports
- Front panel I/O – DisplayPort video, 10/100/1000BASE-T Ethernet, and USB 2.0 ports
- Linux, Wind River VxWorks, and Green Hills INTEGRITY BSPs, as well as Microsoft Windows Drivers. Other RTOS solutions may be available.

In addition to 6U VPX, X-ES is supporting 3<sup>rd</sup> generation Intel® Core™ i7 processors across our five other industry-standard form factors: COM Express, 3U VPX, 3U CompactPCI, 6U CompactPCI, and 6U VME. The [XPedite7470](#) 3U VPX SBC, the [XPedite7431](#) 3U CompactPCI SBC, the [XCalibur4401](#) 6U CompactPCI SBC, the [XPedite7450](#) COM Express module, and the [XCalibur4440](#) 6U VPX SBC are currently available. Please contact X-ES Sales for more information.

**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](http://www.xes-inc.com) or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XCalibur4440-DS.pdf>

Press Photo: [http://www.xes-inc.com/assets/photos/content/071946\\_XCalibur4440.jpg](http://www.xes-inc.com/assets/photos/content/071946_XCalibur4440.jpg)

All trademarks are property of their respective owners.