



## Press Release

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### **X-ES Introduces Development Platform for 3U cPCI Conduction-Cooled Modules**

**Middleton, WI – August 2, 2012** – Extreme Engineering Solutions, Inc. (X-ES) is shipping the [XPand1201](#), a 3U CompactPCI development platform for conduction-cooled modules. This platform supports up to eight 3U CompactPCI modules and two optional power supply modules.

With support for Rear Transition Modules (RTMs), the [XPand1201](#) provides maximum I/O flexibility and the ability to rapidly prototype deployable systems. The XPand1201 supports up to 482 W of total simultaneous power delivery and a thermal dissipation of up to 60 W per slot. Weighing 20 lbs. (including backplane and power supply) and measuring 16.5 in. (H) x 5.5 in. (W) x 11.5 in. (L), the XPand1201 provides 100% hardware compatibility from development to deployment.

The [XPand1201](#) can be populated with conduction-cooled 3U CompactPCI modules from X-ES, such as:

- [XPedite5430](#): Freescale QorIQ eight-core P4080 processor-based Single Board Computer (SBC), that also supports P3041, P4040, P5010, and P5020 processors
- [XPedite5530](#): Freescale QorIQ dual-core P2020 processor-based SBC, that also supports P1011, and P2010 processors
- [XPedite7332](#): Dual-core Intel Core i7 processor-based SBC with VMware Hypervisor (aka ESXi 5.0 Update 1) support
- [XPedite7431](#): 2<sup>nd</sup>/3<sup>rd</sup> generation dual- or quad-core Intel Core i7 processor-based SBC
- [XChange1200](#): 3U cPCI carrier card supports PMC and XMC modules for application-specific I/O
- [Cisco 5940 Embedded Services Router \(ESR\)](#)

Software support on the SBCs above includes, Linux, VxWorks, INTEGRITY, Windows (Intel boards only), and other RTOS offering per customer request. The Cisco 5940 Router runs Cisco IOS software.

The [XPand1201](#) is available for purchase in several rapid-development, standard configurations. Custom configurations of modules, RTMs, and backplanes are also available utilizing X-ES and third party components.

**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/products/view/xpand1201/>

Press Photo: [http://www.xes-inc.com/assets/photos/content/090723\\_XPand1201.jpg](http://www.xes-inc.com/assets/photos/content/090723_XPand1201.jpg)

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