



## Press Release

Dave Barker, Marketing Director  
(281) 644-0248  
[dbarker@xes-inc.com](mailto:dbarker@xes-inc.com)

### **X-ES Expedites Small Form Factor Systems Deployment with COM Express Development Platform**

**Middleton, WI – July 31, 2012** – Extreme Engineering Solutions, Inc. (X-ES) announces the availability of the [CX-DP](#) COM Express® Development Platform, which enables early development and rapid prototyping for COM Express and [XPand6000 Series](#)-based systems. It includes all of the functionality of the XPand6000 Series with support for a COM Express module, a PMC or XMC, and an SSD, all conveniently housed in a desktop setup with standard commercial I/O connectors. With the CX-DP, the transition from development to the target XPand6000 Series system or custom COM Express carrier card is made easy.

The [CX-DP](#) provides a single COM Express site with AB and CD connectors. For Freescale QorIQ™-based development, the CX-DP supports Type 5FS and Type 10 COM Express modules; and for Intel® Core™ i7 processor-based development, the CX-DP supports Type 6 and Type 10 COM Express modules. It provides a single PMC/XMC site, along with a single PIM/XIM site for PMC/XMC I/O, one RJ-45 Gigabit Ethernet connector, two USB 2.0 connectors, two DB-9 serial connectors, one mini DisplayPort connector, one eSATA connector, one PCIe Edge card slot, three internal SATA connectors, two internal USB 2.0 connectors, and a single COM Express I/O Module (CIM) site for access to I/O not available at the fixed connectors. Removing the ATX case cover provides access to internal fixed I/O and PIM I/O.

An integrated fan located below the PMC/XMC site provides ample airflow for the most power-hungry modules. The [CX-DP](#) requires only +12 V from the ATX power supply. It generates +5 V, +3.3 V, and -12 V supplies, avoiding voltage drops and power distribution problems commonly associated with using high-power cards and ATX supplies.

**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/CX-DP-DS.pdf>

Press Photo: [http://www.xes-inc.com/assets/photos/content/080004\\_CX-DP.jpg](http://www.xes-inc.com/assets/photos/content/080004_CX-DP.jpg)

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