



## Press Release

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

### X-ES Shipping Dual 10 Gigabit Ethernet XMC

**Middleton, WI – April 10, 2012** – Extreme Engineering Solutions (X-ES) is shipping the [XPort3301](#), a dual 10GBASE-T 10 Gigabit Ethernet XMC module. The [XPort3301](#) is well suited to applications requiring cost-effective, high-bandwidth communications such as remote sensor interfacing, traffic aggregation, storage, and data center networks.

With 10GBASE-T support, the [XPort3301](#) provides very economical 10 Gigabit Ethernet communications over standard Category 6A cables and RJ-45 connectors. An eight-lane PCI Express 2.0 XMC interface on the [XPort3301](#) provides the bandwidth required to move data at line speed between the dual 10 Gigabit Ethernet interfaces and the host processor.

The [XPort3301](#) features include:

- Intel® X540 dual 10 Gigabit Ethernet controller
- Dual 10GBASE-T 10 Gigabit Ethernet front panel (RJ-45) or rear (P16) interfaces
- Supports legacy 100BASE-TX and 1000BASE-T operation
- x8 PCI Express 2.0 interface to the host module per VITA 42.3
- Optional support for IEEE1588 or Precision Time Protocol (PTP)
- Conduction- or air- cooled
- Linux, VxWorks, and Windows drivers

The [XPort3301](#) is engineered to scale from an air-cooled, commercial version (0 to 55°C) to a rugged, conduction-cooled version (-40 to +85°C) in accordance with appropriate environmental and EMI 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](http://www.xes-inc.com) or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XPort3301-DS.pdf>

Press Photo: [http://www.xes-inc.com/assets/photos/content/102145\\_XPort3301.jpg](http://www.xes-inc.com/assets/photos/content/102145_XPort3301.jpg)

All trademarks are property of their respective owners.