



Press Release

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X-ES Supports 3rd Generation Intel® Core™ i7 Processor Across Product Line

Middleton, WI – April 24, 2012 – Extreme Engineering Solutions, Inc. (X-ES) is supporting the 3rd generation Intel® Core™ i7 processor across eight industry-standard form factors – COM Express, 3U VPX, 6U VPX, 3U CompactPCI, 6U CompactPCI, VME, air-cooled PrPMC/XMC, and conduction-cooled PrPMC/XMC. The [XPedite7470](#) 3U VPX Single Board Computer (SBC) and [XCalibur4401](#) 6U CompactPCI SBC are the first products available from X-ES to support the 3rd generation Intel Core i7 processor.

3rd generation Intel Core i7 processors provide higher performance and lower power compared to 2nd generation Intel Core i7 processors. 3rd generation Intel Core i7 processors also include Intel HD Graphics with DirectX 11, supporting OpenGL 3.1 and OpenCL 1.1. Initially, X-ES products are available with these versions of the 3rd generation Intel Core i7 processor:

- Quad-core Intel Core i7-3615QE, 2.3GHz
- Quad-core Intel Core i7-3612QE, 2.1GHz

When dual-core versions of 3rd generation Intel Core i7 processors become available, they will be supported on X-ES products.

Because of the lower power consumption of the 3rd generation Intel Core i7 processors, quad-core 3rd generation Intel Core i7 processors are more easily supported in conduction-cooled applications. As with all Intel processors used in X-ES designs, the 3rd generation Intel Core i7 processors are on Intel's embedded roadmap, guaranteeing at least seven years of availability for our customers.

About X-ES — Extreme Engineering Solutions, Inc. (X-ES), a 100% U.S. operation, 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 at www.xes-inc.com, or call (608) 833-1155.

Data Sheets: <http://www.xes-inc.com/assets/products/files/XPedite7470-DS.pdf> and <http://www.xes-inc.com/assets/products/files/XCalibur4401-DS.pdf>

Press Photos: http://www.xes-inc.com/assets/photos/content/155935_XPedite7470.jpg and http://www.xes-inc.com/assets/photos/content/155910_XCalibur4401.jpg

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