



Press Release

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X-ES Introduces XPedite5401 PrPMC/XMC Module Supporting Freescale™ QorIQ™ Processors

Middleton, WI – July 18, 2012 – Extreme Engineering Solutions, Inc. (X-ES) announces availability of the [XPedite5401](#), a conduction-cooled PrPMC/XMC module that supports the Freescale QorIQ P3, P4, and P5 processor families. The [XPedite5401](#) joins the existing XPedite550x line of PrPMC/XMC modules, which support the Freescale QorIQ P1 and P2 processor families. The complete line of QorIQ PrPMC/XMC modules provides processor mezzanine solutions that span a broad spectrum of embedded applications and satisfy a wide range of power, performance, and feature requirements.

The [XPedite5401](#) supports multiple Freescale QorIQ processors. The lowest power solution utilizes the P3041 with four PowerPC e500mc cores at up to 1.5 GHz. Other processor options include the P4080 with eight PowerPC e500mc cores at up to 1.5 GHz, the P5010 with one 64-bit PowerPC e5500 core at up to 2 GHz, and the P5020 with two 64-bit PowerPC e5500 cores at up to 2 GHz. The module also provides two channels of DDR3-1333 ECC SDRAM, up to 8 GB (4 GB each), up to 16 GB of user flash and 256 MB of boot flash (with redundancy), two Gigabit Ethernet ports, a x4 PCI Express interface to P15, and two SATA 3.0 Gb/s ports to P16. Linux, Wind River VxWorks, and Green Hills INTEGRITY BSPs are available.

In addition to conduction-cooled PrPMC/XMC, X-ES supports the QorIQ P3, P4, and P5 processors across our seven other industry-standard form factors: COM Express, 3U VPX, 6U VPX, 3U CompactPCI, 6U CompactPCI, VME, and air-cooled PrPMC/XMC. The [XPedite5430](#) (3U CompactPCI) the [XCalibur1600](#) (6U CompactPCI) the [XPedite5470](#) (3U VPX) and the [XPedite5400](#) (air-cooled PMC/XMC) are currently available. Please contact X-ES Sales for more information.

The [XPedite5401](#) is available today from stock. Pricing is based on processor configuration and annual volumes.

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 or call (608) 833-1155.

Data Sheet: <http://www.xes-inc.com/assets/products/files/XPedite5401-DS.pdf>

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