



For immediate release

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New Emerson Network Power OpenVPX Board Optimizes Performance, Flexibility and Connectivity for Defense, Aerospace and Industrial Applications

Features third generation Intel Core processor, PCI Express and Gigabit Ethernet connectivity, and XMC site

TEMPE, Ariz., US. [31 January, 2013] –Emerson Network Power, a business of Emerson (NYSE:EMR) and the global leader in enabling *Business-Critical Continuity*[™], today announced a new 3U OpenVPX processor board designed to provide high compute performance, flexibility, and high speed fabric connectivity for a range of industrial, communication and military/aerospace applications. The [iVPX7225](#) is based on the dual-core third generation Intel® Core™ i7 2.5 GHz processor, featuring the new Intel Advanced Vector Extensions (AVX) floating point instructions, with integrated graphics and memory controller and the mobile Intel® QM77 PCH chipset with leading edge I/O functionality. It combines the significantly improved floating-point performance of the Intel Core i7 processor with the substantial bandwidth and system-enabling features of the 3U OpenVPX form factor.

The Emerson Network Power iVPX7225 is designed to operate in a wide range of OpenVPX enclosures, including the company's [VPX3000](#) system platform also launched today. On-board memory includes up to 16 GB DDR3L-1600 memory, embedded USB flash, and 1 MByte nonvolatile Ferroelectric Random Access Memory (F-RAM). The iVPX7225 offers both PCI Express high speed data plane fabric connectivity and Gigabit Ethernet control plane connectivity with data transfer rates up to 5 Gbps. Additional connectivity includes three USB 2.0 ports, two serial ports, three SATA ports, eight GPIO, DisplayPort, VGA and one XMC site for maximum flexibility.

“Many of our customers are developing demanding applications for highly constrained environments in terms of size, weight and power and Emerson Network Power’s iVPX7225 provides an outstanding solution,” said Eric Gauthier, vice president product marketing for Emerson Network Power’s Embedded Computing business. “Available as a fully rugged single board computer for extreme environments with extended shock, vibration, temperatures and conduction or air cooling, it provides an exceptionally versatile platform for a wide range of High Performance Embedded Computing (HPEC) applications.”

The iVPX7225 software support includes UEFI compliant BIOS with password protection and a wide range of operating systems including Wind River VxWorks 6.9 and Linux 3.x.

About Emerson Network Power

Emerson Network Power, a business of Emerson (NYSE:EMR), is the global leader in enabling *Business-Critical Continuity*[™] from grid to chip for telecommunication networks, data centers, health care and industrial facilities. Emerson Network Power provides innovative solutions and expertise in areas including AC and DC power and precision cooling systems, embedded computing and power, integrated racks and enclosures, power switching and controls, infrastructure management, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians. For more information on Emerson Network Power’s embedded computing solutions, including ATCA[®], COM Express[®], CompactPCI[®], embedded computers and motherboards, OpenVPX[™], VMEbus[™] and RapiDex[™] board customization service for original equipment manufacturers and systems integrators in the telecommunications, industrial automation, aerospace/defense and medical markets, visit www.EmersonNetworkPower.com/EmbeddedComputing. Learn more about Emerson Network Power products and services at www.EmersonNetworkPower.com.

About Emerson

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