



Embedded Boards • Power Supplies • Instruments

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For Immediate Release

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North Atlantic Industries Introduces Industry's First 6U, OpenVPX, Multi-function, I/O Card

Full Complement of I/O, Synchro/Resolver/LVDT and Communications Functions Available

Bohemia, NY, October 12, 2010 -- North Atlantic Industries (NAI), announces the availability of the next generation architecture for embedded systems, ideally suited for military, aerospace and industrial applications. The new [67C3](#) is a single slot, OpenVPX, 6U, Multi-function I/O and serial communications card. VME, Gigabit Ethernet and Serial RapidIO (sRIO) or PCI Express (PCIe) control interface options enable users to take advantage of the higher speed, switched fabric communication architectures, offering significantly greater capability.

The enhanced motherboard contains six independent module slots, each of which can be populated with a function-specific module and can now be controlled by VME, dual Gigabit Ethernet and sRIO or PCIe. This unique design eliminates the need for multiple, specialized, single function cards by providing a single board solution for a broad assortment of signal interface modules such as, Synchro/Resolver/ LVDT/RVDT Simulation and Measurement, A/D, D/A, Discrete/Differential/TTL/CMOS I/O, RTD, Encoder and communications such as RS232/422/485, MIL-STD-1553, ARINC 429 and CANBus. This approach increases packaging density, saves enclosure slots, reduces power consumption and adds continuous background BIT testing. Further, the 67C3 provides a highly cost-effective, off-the-shelf alternative to a custom-built solution.

“We are excited about this best-in-class technology and are looking forward to helping our customers exploit the potential of [OpenVPX](#),” said Lino Massafra, Vice President of Sales and Marketing. “With this design, end-users can employ any single or combination of the popular I/O functions with the 67C3 OpenVPX compliant card, offering maximum flexibility to best fit any application.”

The [67C3](#) is available with an operating temperature range of -40°C to +85°C. Pricing for a rugged, conduction-cooled 67C3, configured with 96 programmable 0 V to 60 V discrete channels starts at \$9,982 in quantities of 100+, with a 12 to 14-week delivery schedule.

North Atlantic Industries

North Atlantic Industries (NAI) is a leading independent supplier of Embedded I/O Boards, Rugged Power Supplies, Motion Simulation and Measurement Instruments for the Military, Aerospace and Industrial Industries. NAI provides the highest quality COTS and modified COTS products in Commercial, Extended Temperature and Rugged versions. Information about NAI and its products can be found at www.naii.com



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Photo attached

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