



**Embedded Boards • Power Supplies • Instruments**

170 Wilbur Place • Bohemia, NY 11716-2416

Tel: (631) 567-1100 • Fax: (631) 567 1823 • [www.naii.com](http://www.naii.com)

## **For Immediate Release**

**Contact:** John Petry  
North Atlantic Industries  
631-567-1100  
[jpetry@naii.com](mailto:jpetry@naii.com)

David Pinkowitz  
DCP Marketing Services LLC  
631-491-5343  
[dpinkowitz@dcpmarketing.com](mailto:dpinkowitz@dcpmarketing.com)

## **VME Single Slot, Multi-Function, Communications Card Now Available**

***RS-232C, RS-422, RS-485, MIL-STD-1553, Profibus, Discrete I/O, and TTL I/O  
Functions are Available***

**Bohemia NY** -- North Atlantic Industries (NAI) has announced the availability of a 3-module, multi-function, single slot, VME Communications Card. This universal card eliminates the complexity and size constraints of using multiple, independent, single-function cards. The 64D1 VME card can include three combinations of the following: 6 channels of Synchronous or Asynchronous RS-232C/RS-422/RS-485, 2 channels of Dual Redundant MIL-STD-1553 BC/RT/MT, 8 channels of Profi-bus, 48 channels of Discrete I/O or 48 channels of TTL I/O. The interchangeable multi-function modular design of the 64D1 provides extensive diagnostics and is available in both commercial temperature range and severe environment, industrial temperature range.

For increased flexibility, each of the functions of the 64D1 is highly programmable at the channel level. Continuous background (BIT) testing is performed on all functions and channels. This testing is totally transparent to the user, requires no programming, and doesn't interfere with the normal operation of the card. The 64D1 is ideally suited for military and commercial programs, including airborne, shipboard, ground mobile and C<sup>4</sup>I applications. Its interchangeable modules improve the overall system with increased functional density, reduced power consumption, size and cost.

The 64D1 is available with operating temperature ranges of -40°C to +85°C and 0°C to +70°C. Conduction cooled versions with wedgelocks are also available. Pricing starts at \$2,400 each, for 100 piece quantities. Delivery is 6 to 8 weeks ARO.

"The 64D1 provides our customers with a flexible, multi-function, single-slot, VME communications card that reduces size, weight, power and cost" said John Petry, Technical Sales Engineer at NAI. "They particularly like the wide range of commonly used communications functions that are available and the automatic background self-testing."

### ***North Atlantic Industries***

Founded in 1955, North Atlantic Industries (NAI), an ISO 9001:2000 certified enterprise, designs and manufactures Embedded I/O (Input/Output) Boards, Power Supplies, and Motion Simulation and Measurement Instruments for the Defense and Aerospace Industries. It provides the highest quality COTS (Commercial Off-the-Shelf) and Custom products in Commercial, Extended Temperature and Full-Military versions. NAI is focused on delivering innovation, quality, and superior value for its customers. Additional information about NAI and its products can be found at the company's Web site at <http://www.naii.com>.

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Photo Attached

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