



**** FOR IMMEDIATE RELEASE ****

New Products

6 New PCI Express Mini Card, Multi-Port, Multi-Protocol, RS-232/422/485 Serial Communication Modules from ACCES I/O Products

SAN DIEGO, CA—February 5, 2015—ACCES I/O Products, Inc., is pleased to announce the release of a new family of mini PCI Express (mPCIe) multi-port serial communication cards—the mPCIe-COM Series. These small, low-priced, PCI Express Mini cards feature a selection of 4 or 2-ports of software selectable RS-232, RS-422, and RS-485 asynchronous serial protocols on a port by port basis. These cards have been designed for use in harsh and rugged environments such as military and defense along with applications such as health and medical, point of sale systems, kiosk design, retail, hospitality, automation, gaming and more. The small size (just 50.95mm x 30mm) allows for maximum performance in applications where space is a valuable resource.

Each RS-232 port is simultaneously capable of supporting data communication rates up to 921.6 kbps. RS-422 and RS-485 modes support data communication speeds up to 3 Mbps. The cards provide $\pm 15\text{kV}$ ESD protection on all signal pins to protect against costly damage due to electrostatic discharge. Existing serial peripherals can connect directly to industry standard DB9M connectors on the optional breakout cable accessory kits.

The mPCIe-COM cards were designed using type 16C950 UARTs and use 128-byte transmit/receive FIFO buffers to decrease CPU loading and protect against lost data in multitasking systems. New systems can continue to interface with legacy serial peripherals, yet benefit from the use of the high performance PCI Express bus. The cards are fully software compatible with current PCI and PCI Express 16550 type UART applications and allow users to maintain backward compatibility.

Available accessories include DB9 cable accessory kits as well as a DB9 screw terminal breakout adapter board for quick and easy connectivity.

Key features of the mPCIe-COM family include:

- **PCI Express Mini Card form-factor (mPCIe) type F1, with latching I/O connectors**
- **4 or 2-port serial communication cards with optional DB9M connectivity**
- **Software selectable RS-232, RS-422, and RS-485 protocols, per port stored in EEPROM**
- **High performance 16C950 class UARTs with 128-byte FIFO for each TX and RX**
- **Port-by-port field selectable termination for RS-422/485 applications**
- **Industrial operating temperature (-40°C to +85°C) and RoHS standard**
- **Supports data communication rates up to 3Mbps simultaneously, (RS-232 up to 921.6 kbps)**
- **Custom baud rates easily configured**
- **$\pm 15\text{kV}$ ESD protection on all signal pins**
- **CTS, RTS, 9-bit data mode, and RS-485 full-duplex (4 wire) fully supported**
- **RS-232 only and RS-422/485 versions available**

A complete driver support package is provided including an easy-to-use Windows terminal program for testing your COM ports. This simplifies the verification of proper COM port operation. The cards install as standard COM ports in all operating systems including DOS, Linux (including Mac OS X) and 32-bit and 64-bit Windows. Additional drivers may be available for a wide variety of operating systems including Windows CE, please contact ACCES for compatibility with your specific OS.

For additional information, readers can view a data sheet and manual for the new mPCIe-COM family by visiting the product webpage at www.accessio.com/mPCIe-COM-4SM.

About ACCES I/O Products, Inc.

For over 25 years, ACCES I/O Products, Inc. has supplied an extensive range of analog, digital, serial communication, and isolated I/O boards and solutions. ACCES also offers complete systems, integration services and enclosures with a quick turn-around on custom projects including software. ACCES products are designed for use with Ethernet, PCI Express, PCI Express Mini Card, USB, USB/104, USB/PICO, PC/104, PCI, Ethernet and ISA, as well as distributed, wireless I/O, and computer-on-module (COM) form factors. All hardware comes with a 30-day, no-risk return policy and a three-year warranty. For further information, visit the company's web site at www.accessio.com.

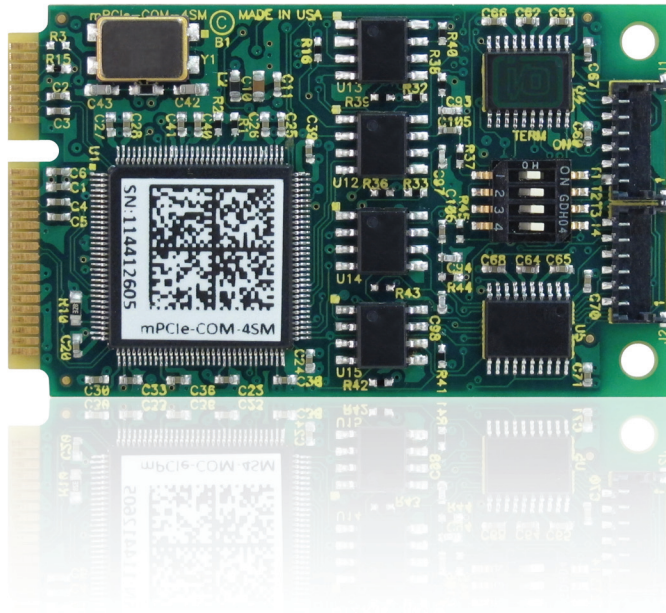
Price: Prices range from \$79 to \$99, depending on model
Please inquire for OEM and volume pricing

Availability: Now

Delivery: Stock to two weeks ARO

For Further Information, Contact:

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