

**\*\* FOR IMMEDIATE RELEASE \*\***

## **New High-Speed (500 kHz) Universal PCI, 16-Bit Multifunction Analog I/O Board Offers Top Price/Performance Value in a Low-Profile Form Factor**

SAN DIEGO, CA—April 19, 2005—ACCES I/O Products announces the model LPCI-A16-16A, a new high-speed PCI 16-bit multifunction analog I/O board for precision PC-based measurement, analysis, monitoring and control in space-limited embedded applications, including thin-client and high-density rack-mount servers. The high-speed LPCI-A16-16A provides 500k samples/second, with 16-bit resolution, for the board's 16 single-ended or eight differential analog input channels. Standard features also include dual 12-bit analog outputs, 16 digital I/O lines and an 8254 with three 16-bit counter/timers. An excellent price/performance value, the LPCI-A16-16A meets the MD2 Low Profile PCI Bus Specification and can be installed in any 3.3V or 5V PCI or PCI-X slot.

The LPCI-A16-16A features 11 standard analog input ranges and an extremely quiet front end. A unique channel-by-channel programmable gain feature enables measurement of an assortment of large and small signals in one scan—all under hardware control at over 400 k samples/second. The board's data FIFO and ability to trigger the A/D in real time assures synchronized sampling that is unaffected by other computer operations—an essential requirement for signal, vibration and transient analysis where high data rates must be sustained for short periods of time. Standard LPCI-A16-16A features include:

- 500 kHz sampling rate
- 16 single-ended or eight differential inputs, unipolar or bipolar
- Autocalibration and oversampling for accurate data
- Unique channel-by-channel programmable gain feature
- 1024 sample data FIFO for A/D (optional up to 64k samples)
- Two 12-bit D/A outputs and 16 digital I/O lines
- Software-selectable synchronous, asynchronous, and timed trigger modes
- PC/104 version also available

The LPCI-A16-16A is supported for use in most operating systems and includes a DOS, Linux and Windows 95/98/Me/NT/ 2000/XP/2003-compatible software package. This includes sample programs and source code in "C" and Pascal for DOS, and Visual Basic, Delphi, C++ Builder, and Visual C++ for Windows. Also included is a graphical set-up program in Windows. Linux support includes installation files and basic samples for programming from user level via an open source kernel driver.

ACCES I/O Products, Inc. supplies 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. Our products are designed for use with PC/104, PCI, Low Profile PCI, EBX, EPIC, USB, Ethernet and ISA buses, as well as distributed and wireless I/O. 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](http://www.accessio.com).

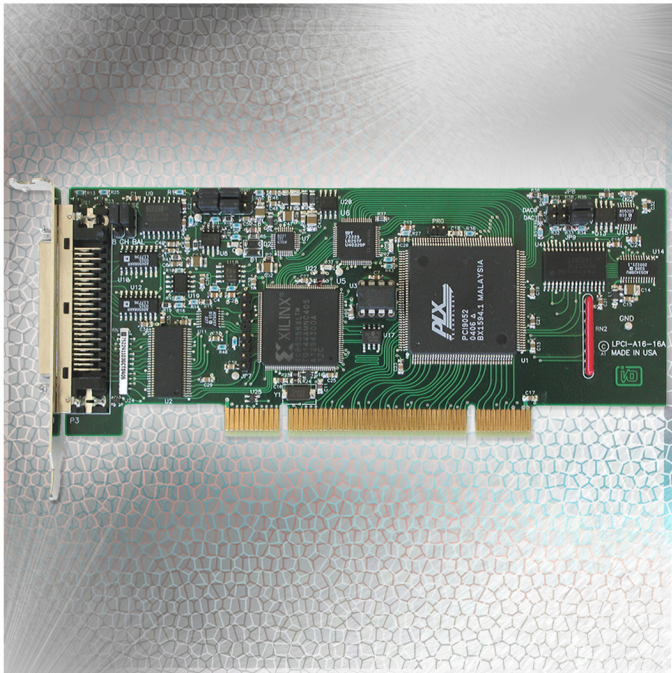
**Price:** \$695.00  
**Availability:** Now  
**Delivery:** Stock to two weeks ARO

For Further Information, Contact:

Marty Wingett or Marc Kryjewski  
Regional Sales Managers  
ACCES I/O Products, Inc.  
10623 Roselle Street, San Diego, CA 92121  
Tel: 858.550.9559 • FAX: 858.550.7322  
E-mail: [mwingett@accessio.com](mailto:mwingett@accessio.com)  
[mkryjewski@accessio.com](mailto:mkryjewski@accessio.com)  
URL: [www.accessio.com](http://www.accessio.com)

Agency Contact:

WelComm, Inc.  
*High Technology Marketing Communications*  
7975 Raytheon Rd., Ste. 340  
San Diego, CA 92111  
858.279.2100 FAX: 858.279.5400  
Contact: Mike Gerow, PR Director  
E-mail: [mike@welcomm.com](mailto:mike@welcomm.com)



**New High-Speed (500 kHz) 16-Bit Multifunction Analog I/O Board Offers  
Top Price/Performance Value in a Low Profile, Universal PCI Form Factor  
(Model LPCI-A16-16A)**

