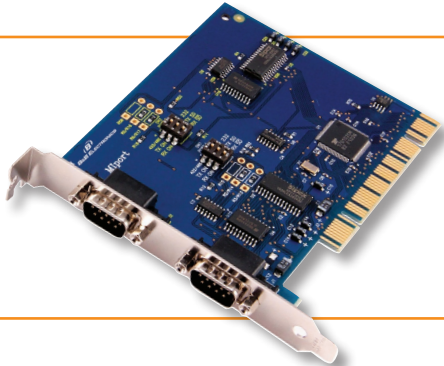


MIPort™ Universal PCI Cards

One to Four Port RS-232/422/485 Cards



PRODUCT FEATURES

- Add 1, 2, or 4 Serial Ports to your PC
- Optical Isolation Available
- RS-232/422/485 Selectable on Each Port
- 5 and 3.3 V PCI Bus Compatible
- PCI-X Compatible
- Data Rates up to 460.8 Kbps

MIPort™ Universal PCI Cards suit most any application. Outputs are independently configurable for RS-232, RS-422, or RS-485. Optically isolated cards offer 2000 VDC port-to-port isolation. Compare B&B's cards to others – B&B's premium Isolation Zone along with optical couplers and our unique isolated DC-DC converter design protect your PC from voltage surges and ground loops. DB9M connectors offer positive thumbscrew locking, more robust than phone jack connectors. Four port models include fan-out cables. Four port isolated model 3PCIU4 has two RS-232/422/485 ports and two RS-422/485 ports. All models support data rates up to 460.8 kbps. MIPort™ cards are plug-and-play compatible and have adjustable FIFO trigger thresholds for input and output. RS-485 operation supports both 2-Wire and 4-Wire (full and half-duplex), and Automatic Send Data Control. All models include a comprehensive technical manual and CD ROM with drivers .

Whether your application is Industrial Monitoring and control, SCADA, Point of Sale, Medical, or Security, MIPort™ Universal PCI Cards are your number one choice.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION	
Isolated		
3PCIU1	1 RS-232/422/485	1 DB9 M
3PCIU2	2 RS-232/422/485	2 DB9 M
3PCIU4	2 RS-232/422/485 2 RS-422/485	2 DB9 M on card, 2 DB9 M on second exp slot (cable and bracket included)
Standard		
3PCIU2	2 RS-232/422/485	DB9 M
3PCIU4	4 RS-232/422/485	DB37 F (DB37 to 4 x DB9 M cable included)

SPECIFICATIONS

Operating Systems	Windows XP, Windows 2008 Server (32/64 bit), Windows Vista (32/64 Bit), Windows 7 (32/64 Bit), Linux Kernel 2.6.x in the following distributions: Ubuntu 10.04 Desktop Edition (32/64 Bit) and Ubuntu 10.04 Server Edition (32/64 Bit).
BUS	PCI (33 MHz/32-bit)
Data Rate	Up to 460.8 kbps (RS-232/422/485)
UARTs	XR17D15X (16C550 Compatible)
Buffer	64 byte FIFO Buffer
Character Length	5, 6, 7, or 8 bits
Parity	Even, Odd, None, Space or Mark
Stop Bits	1, 1.5, or 2
*Isolation	2K V Optical. Ports are isolated From PC Power, Ground, and other ports on the same card
**RS-232 Signals	TD, RD, and all handshake signals
RS-422 Signals	TDA(-), TDB(+), and GND
RS-485 Signals	Data A(-), Data B(+), and GND
Operating Temperature	32 to 122 F (0 to 50 C)
Operating Humidity	0 to 95% Non-condensing
Dimensions	12.2 x 9.6 cm (4.8 x 3.8 in) Card Edge
Mounting Bracket	1.2 x 12.1 x 0.9 cm(0.5 x 4.8 x 0.4 in)
Approvals	FCC, CE

*Note: Isolated Models Only

**Note: Model 3PCIU4 supports RS-232 TD, RD, RTS, CTS, and Ground only

ACCESSORIES

9PAMF6 - DB9 Male To DB9 Female, 6 ft. (1.8 m)

9SGF - DB9 Gender Reverser – Changes Male Port to Female (F to F)

9SGM - DB9 Gender Reverser – Changes Female Port to Male (M to M)