

Universal PCI Cards

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

Standard and Optically Isolated

Models: 3PCIU2, 3PCIU4, 3PCIU8, 3PCIOU1, 3PCIOU2, and 3PCIOU4

- ✓ **Add 1, 2, 4, or 8 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**
- ✓ **Windows 98, ME, NT4.0, 2K, 2003 Server, XP, Vista, & Linux 2.4**



MIPORT™

Specifications

Operating Systems:	Windows 98, ME, NT 4.0, 2K, 2003 Server, XP, Vista, and Linux 2.4
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:	4.8 x 3.8 in (12.2 x 9.6 cm) Card Edge
Mounting Bracket:	0.5 x 4.8 x 0.4 in (1.2 x 12.1 x 0.9)
Approvals:	FCC, CE
*Note:	Isolated Models Only
**Note:	Model 3PCIOU4 supports RS-232 TD, RD, RTS, CTS, and Ground only

Ordering Information

<i>Isolated</i> Model	Ports	Connectors
3PCIOU1	1 RS-232/422/485	1 DB9 M
3PCIOU2	2 RS-232/422/485	2 DB9 M
3PCIOU4	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)
<i>Standard</i>		
3PCIU2	2 RS-232/422/485	DB9 M
3PCIU4	4 RS-232/422/485	DB37 F (DB37 to 4 x DB9 M cable included)
3PCIU8	4 RS-232/422/485 4 RS-232	DB78 F (DB78 to 8 x DB9 M cable included)

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 and eight port models include fan-out

cables. The eight port model has four RS-232/422/485 and

four RS-232 ports. Four port isolated model 3PCIOU4 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 for Windows 98,

ME, NT 4.0, 2K, 2003, XP, Vista, and Linux 2.6.

Whether your application is Industrial Monitoring and

control, SCADA, Point of Sale, Medical, or Security, MIPort™

Universal PCI Cards are your number one choice.

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