

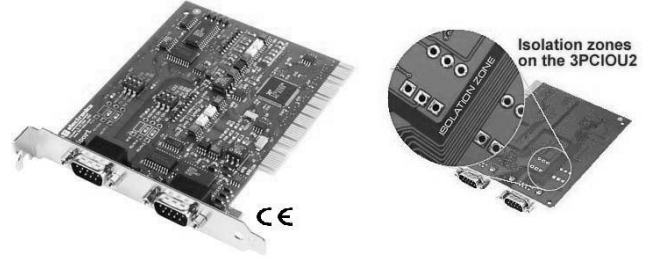
Universal PCI Cards

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



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 .

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

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: | 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

| Isolated 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) |
| 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) |
| 3PCIU8 | 4 RS-232/422/485 4 RS-232 | DB78 F (DB78 to 8 x DB9 M cable included) |



AMEYA360

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