



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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MIPort™ Universal PCI Cards

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

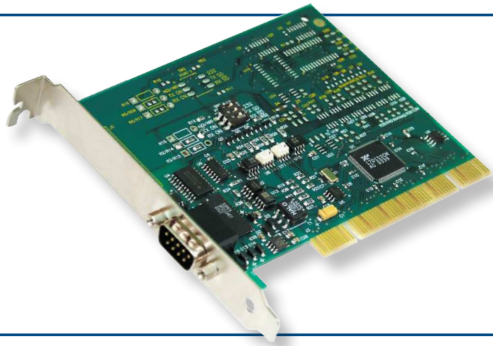
Models: 3PCIOU1, 3PCIOU2, 3PCIU2, 3PCIU4

B+B SMARTWORX

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PRODUCT FEATURES

- Add 1, 2, or 4 Serial Ports to Your PC
- Optical Isolation (select models)
- 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 card models offer 2000 VDC port-to-port isolation.

Compare B+B SmartWorx 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 model include fan-out cables. 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	CONNECTORS
2kV Optical Isolation		
3PCIOU1	1 x RS-232/422/485	DB9 M
3PCIOU2	2 x RS-232/422/485	
Standard (non-isolated)		
3PCIU2	2 x RS-232/422/485	DB9 M
3PCIU4	4 x RS-232/422/485	DB37 F (DB37 to 4 x DB9 M cable included)

ACCESSORIES

- 9PAMF6 - DB9 Male To DB9 Female Cable, 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)

SPECIFICATIONS

Operating Systems	Windows XP (32 bit/64 bit), Vista (32 bit /64 bit), Windows 7 (32 bit /64 bit), Server 2008 (32 bit /64 bit), Server 2008 R2 (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 (select models only)	2K V optical isolation. 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, card edge	12.2 x 9.6 cm (4.8 x 3.8 in)
Mounting Bracket	1.2 x 12.1 x 0.9 cm (0.5 x 4.8 x 0.4 in)
Approvals	FCC, CE
MTBF	3PCIOU1 - 1291601 hours 3PCIOU2 - 823883 hours 3PCIU2 - 211565 hours 3PCIU4 - 1637664 hours

All product specifications are subject to change without notice.
3PCIOU1_3PCIOU2_3PCIU2_3PCIU4_2417ds