

Smart Switch

Network 64 or more serial devices using a single COM port on your PC with no software modifications required!



Now Included!
Vlinx Q4 Smart Switch
Network Management
Software™



This code-activated serial data switch features built-in data buffers on each slave port, ensuring you'll never miss a byte from your serial devices. Each device on the network can have its own data rate, format and protocol.

The 232BSS4 now ships with Vlinx Q4, B&B's smart switch network management software. This free software not only allows the networking of all varieties of serial devices, but it also includes visualization-mapping of your network, making network administration simpler than ever before.

When used with Vlinx Q4, simply use the mapping wizard to add each of your serial devices to the network. You can set baud rates, handshake requirements, define device names, even add notes and links to the device documentation for future reference. Each serial device will be assigned a Virtual COM Port within Windows (XP, 2000 and NT). Then, just use your existing software to communicate to the device just as if it had its own hardwired connection. When used with B&B's RS-485 or Fiber Optic converters you can locate the 232BSS4 and your serial device miles away.

232BSS4	RS-232 Buffered Smart Switch	\$285.00
232PS	120 VAC to 12 VDC@100 mA Power Supply	\$18.95

4 or 8 Modem or Port Sharing

- No internal straps
- 4 DTE and 4 DCE Ports
- DTE/DCE master Port



The USD-8 Universal Sharing Device allows up to four (4) modems and up to four (4) terminals to share a single connection to a port or master modem. Synchronous data is easily handled by the USD via RS-232 interface, at speeds up to 19,200 bps. The main channel modem/port broadcasts signals to all sub-channels simultaneously. Sub-channel modems or ports with data to transmit to main channel are selected one at a time. No other sharing device is as easy to install.

TAS0037	USD-8, 4 DCE & 4 DTE ports; Mstr: DTE/DCE	\$835.00
TAS0050-1	MSI-4, 4-port, Broadcast modem sharing	\$455.00
TAS0050-2	MSI-8, 8-port, Broadcast modem sharing	\$715.00

HST, PST AND GST NOT INCLUDED IN PRICES SHOWN



Port Combiners



Port Combiners

Use just one PC to monitor and control several serial devices such as scales, scanners or terminals that require intermittent PC access. When one of the devices transmits data, it captures the data path and locks out the other devices until it stops transmitting. The RTS line may also be used to control data flow. Any data transmitted from the host PC is sent to all attached devices. Port Combiners may be cascaded to connect many devices to one PC. 232PTC power provided by an included wall-mount power supply. 232PTC9 requires a power supply (sold separately, B&B model 232PS recommended).

Model No.	Use with	Host PC Port/s	Shared Device Port/s	Lines OR'd	Passed Back	Price
232PTC	Any serial device	1 - DB25 Female	2 - DB25 Female	None	All	\$122.00
232PTC9	Any serial device	1 - DB9 Female	2 - DB9 Female	None	All	\$122.00

RS232 Code and Speed Converter

Different Data Rates, Formats and Handshaking? No Problem with This!



Maintains Highest Possible Throughput

Many older devices lack the option to reconfigure baud rate, data format and handshaking. Model 232BRC acts as a translator between asynchronous devices, matching each device's needs while maintaining the highest possible throughput.

Each side of Model 232BRC can be individually configured to suit the device connected to it. The module supports data speeds up to 115.2 kbps and all standard data formats. Each side can also supply or accept hardware or software handshaking, allowing the higher speed device to be located on either port.

A PC is used to configure the Model 232BRC, but once configured, the module may be installed on any system. Non-volatile memory maintains all parameters when power is removed.

Each port buffers 16K bytes of data. LED indicators on each port signals when data is present in the buffer.

The connectors are DB9 female on port A, DB9 male on port B. Model 232BRC requires 12 VDC @ 100mA. Model 232PS is well-matched to this unit. Module dimensions are 5.8 x 3.6 x 1.2 in (14.6 x 9.1 x 3.0 cm).

232BRC	RS-232 Baud Rate Converter	\$220.00
232PS	120 VAC to 12 VDC @ 100mA Power Supply	\$18.95

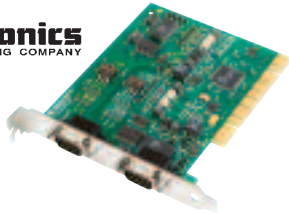
Universal PCI Cards

Introducing MIPORT Universal PCI Cards

B&B electronics
MANUFACTURING COMPANY

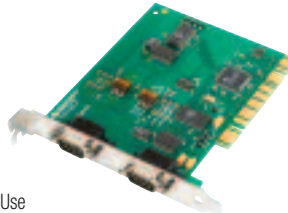
3PCIU2

True 2000 VDC isolation!



3PCIU2

Operates on either traditional 5 volt or newer 3.3 volt buses



3PCIU4

DB9M fanout cable included



New universal PCS cards suit most any application! Output can be RS-232, RS-422 or RS-485. Use RS-422 to extend range, RS-485 to extend range and provide multi-drop ability.

Optically Isolated Versions offer true 2000 VDC isolation and port-to-port isolation. The Optical isolation zone along with optocouplers and the unique isolated DC-DC converter design protect your PCs 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 3PCIU4 has two RS-232/422/485 ports and 2 RS-422/485

Unique Benefits:

- Available in 1, 2, 4, or 8 ports
- Optically isolated and standard models
- Multi-interface: RS-232/422/485 selectable
- 5 V and 3.3 V PCI bus compatible
- PCI-X compatible
- Positive-connecting DB9M ports

Ideal For:

- Industrial monitoring and control
- SCADA
- POS
- Medical
- Security

Isolated Models

Model No.	Ports	Interface	Connector	Price
3PCIU1	1	RS-232/422/485	DB9 Male	\$220.00
3PCIU2	2	RS-232/422/485	DB9 Male	\$320.00
3PCIU3	4	2 Ports RS-232/422/485 2 Ports RS-422/485	2x DB9 Male on card 2x DB9 Male use 2nd expansion slot (ribbon cables and bracket included)	\$495.00

Non-isolated Models

Model No.	Ports	Interface	Connector	Price
3PCIU2	2	RS-232/422/485	DB9 Male	\$198.00
3PCIU4	4	RS-232/422/485	DB37 Female (includes DB37 to 4x DB9 Male Cable)	\$265.00
3PCIU8	8	4 Ports RS-232/422/485 4 Ports RS-232	DB78 Female (includes DB78 to 8x DB9 Male Cable)	\$440.00

232/422/485 SERIAL PC CARDS



Ultra Comm+2.PCI

Dual Port PCI RS-232/422/485 Interface

- Two port RS-232/422/485 interface
- Onboard RS-485 auto enable circuit
- Each port designed to maximize DOS and Windows 3.1x/95/98/NT communications
- 16550 Buffered UART standard
- Full array of enhanced UART options
- Supports all PCI interrupts
- Supports standard PC data rates and "Quad" data rates up to 460.8K bps
- Onboard interrupt status port provides efficient interrupt sharing
- Includes Windows Advanced COM: drivers, utilities, INF files and help files to simplify installation



Applications

- Interface to factory automation equipment
- Eliminates external data conversion boxes
- Multi-drop data collection devices
- Bar code readers, time clocks, scales, etc.
- PC-PC long distance (5000 ft.)



7201	Two Port RS-232/422/485	\$230.00
7201-SN	w/16950 UART Upgrade	\$245.00

Ultra 530.PCI

Single Port PCI RS-232/422/485/530 Interface

- Single port RS-232/422/485/530 interface
- Onboard RS-485 auto enable circuit
- Designed to maximize DOS and Windows 3.1x/95/98/NT communications
- 16550 buffered UART standard
- Supports all PCI interrupts
- Full array of enhanced UART options
- Supports standard PC data rates and "Quad" data rates up to 460.8K bps
- Includes Windows Advanced COM: drivers, utilities, INF files and help files to simplify installation



Applications

- Interface to factory automation equipment
- Eliminates external data conversion boxes
- PLC communications
- Multi-drop data collection devices
- Kiosk-based displays and interactive presentations
- Bar code readers, time clocks, scales, etc.
- PC to PC long distance (5000) ft. communications)



7101	Single Port PCI RS-232/422/485/530	\$187.00
7101-SN	w/16950 UART Upgrade	\$207.00

Ultra Comm+422.PCI

Four Port PCI RS-422/485 Interface

- Four port RS-422/485 interface
- Onboard RS-485 auto enable circuit
- 16550 buffered UART standard
- Full array of enhanced UART options
- Supports all PCI interrupts
- Onboard interrupt status port provides efficient interrupt sharing
- Supports standard PC data rates and "Quad" data rates up to 460.8K bps
- Each port designed to maximize DOS and Windows 3.1x/95/98/NT communications
- Includes Windows Advanced COM: drivers, utilities, INF files and help files to simplify installation



Applications

- Interface for factory automation equipment
- Eliminates external data conversion boxes
- Multi-drop data collection devices
- Bar code readers, time clocks, scales, etc.
- PC-PC long distance (5000 ft.) I/O



7402	Four Port RS-422/485 (DB-9 Cable Included)	\$310.00
7402-SN	w/16950 UART Upgrade	\$330.00
7402-KT	w/Terminal Block and 6 ft. M/F Cable	\$350.00

Comm+8.PCI

Eight Port PCI RS-232 Interface

- Eight port RS-232 interface
- 16554 buffered UART standard
- Full array of enhanced UART options
- supports all PCI interrupts
- Each port designed to maximize DOS and Windows 3.1x/95/98/NT communications
- Supports standard PC data rates and "Quad" data rates up to 460.8K bps
- Onboard interrupt status port provides efficient interrupt sharing
- Includes Windows Advanced COM: drivers, utilities, INF files and help files to simplify installation



Applications

- Communication server COM: ports
- High-speed ISDN T/A Interface
- Thin client/network computer/multi-user ports
- Interface to printers, plotters, modems, etc.
- Data entry terminals • Bulletin board systems

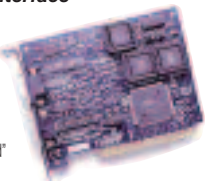


7801	Eight Port RS-232 (DB-25 Cable Included)	\$330.00
7801-DB9	Eight Port RS-232 (DB-9 Cable Included)	\$330.00
7801-SN	w/16C854 UART Upgrade	\$345.00

Comm+232.PCI

Dual Port PCI RS-232 Interface

- Two port RS-232 interface
- Each port designed to maximize DOS and Windows 3.1x/95/98/NT communications
- 16550 buffered UART standard
- Full array of enhanced UART options
- Supports all PCI interrupts
- Supports standard PC data rates and "Quad" data rates up to 460.8K bps
- Onboard interrupt status port provides efficient interrupt sharing and other operating systems
- Includes Windows Advanced COM: drivers, utilities, INF files and help files to simplify installation



Applications

- Communication server COM: ports
- High-speed ISDN T/A Interface
- Thin client/network computer/multi-user ports
- Interface to printers, plotters, modems, etc.
- Data entry terminals
- Bulletin board systems



7202	Two Port RS-232	\$145.00
7202-SN	w/16950 UART Upgrade	\$165.00

Versa Comm+4.PCI

Four Port PCI RS-232 Interface

- Four port RS-232 interface
- Each port designed to maximize DOS and Windows 3.1x/95/98/NT communications
- 16554 buffered UART standard
- Full array of enhanced UART options
- supports standard PC data rate and "Quad" data rates up to 460.8K bps
- Supports all PCI interrupts
- Onboard interrupt status port provides efficient interrupt sharing
- Includes Windows Advanced COM: drivers, utilities, INF files and help files to simplify installation



Applications

- Communication server COM: ports • High-speed ISDN T/A Interface
- Thin client/network computer/multi-user ports
- Interface to printers, plotters, modems, etc.
- Data entry terminals • Bulletin board systems



7401	Four Port RS-232 (DB-25 Cable Included)	\$255.00
7401-DB9	Four Port RS-232 (DB-9 Cable Included)	\$255.00
7401-SN	w/16C854 UART Upgrade	\$270.00

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To Order: **1-800-668-3282**

Fax: **1-800-668-3900**
E-Mail: **sales@altecon.com**

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