

Features

- On-board zener diodes offer transient spike protection
- On board terminating resistors with full fail-safe open / short circuit protection
- Sample Programs, Test & Terminal software - all with source code
- Full PCI Bus - Plug & Play
- Upto 128byte transmit and receive FIFO
- Greater control of FIFO trigger levels, and readable FIFO levels for improved transfer efficiency

Specifications

- Ports: 1 x RS422/485
1 x RS232
- UART: 16750+
- Baud rates: Up to 921,600
- Protection: +ve spikes > 12V
-ve spikes > 6.8V
- Data Bits: 5,6,7 or 8
- Stop Bits: 1 or 2
- Parity: Odd, even, none, mark or space
- Power: 550mA @ 5V
- Weight: 0.097Kg
- Size: 9.3 x 12cm

RS422/485 Options

RS422

- Automatic CTS/RTS flow control, software enabled

RS485

- Automatic Hardware half duplex RS485 Gating

485 FEATURES

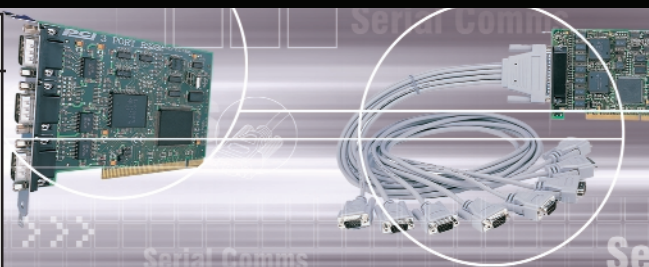
- Rx/D±/Tx/D± multiplex jumpers

Wiring Schemes

- One talker, many listeners
- Many talkers/listeners full duplex
- Many talkers/listeners half duplex

About Universal PCI

Increasingly, modern PCs are coming with 3.3V PCI slots. The change from 5V to 3.3V signalling on the PCI bus is a result of the technical advances made by leading PC manufacturers to increase system speed. Many new PC systems no longer use 5V signalling on the PCI bus, and 5V-only PCI cards cannot be used in these PCs. As part of our continued commitment to designing and manufacturing leading edge serial RS232 technology, we now offer the Universal PCI range that can work in both 5V and 3.3V signalling environments. This allows new and existing customers to have an easy migration path to this new technology.



UNIVERSAL PCI

1 x RS232 Port &

1 x RS422/485 port Velocity

Description

Universal PCI card protects your investment into the future.

Half size PCI card providing 1 RS232 serial port and 1 RS422/485 serial port both with 9 pin D connectors. The RS422/485 port has on board zener diodes offer transient spike protection and Autogating for hassle free half duplex operations in any operating system. Both ports have megabaud data transfer rates and 128 byte deep FIFOs, guaranteeing uncompromising performance and fault-free use. The PCI RS232 & RS422/485 Velocity card uses the 16750 UART which is in 2 generations beyond the industry standard 16C550 UART.

The UART clock can be set through software to provide maximum baud rates of either 921,600 baud, 460,800 baud, 230,400 baud or 115,200 baud (standard PC).

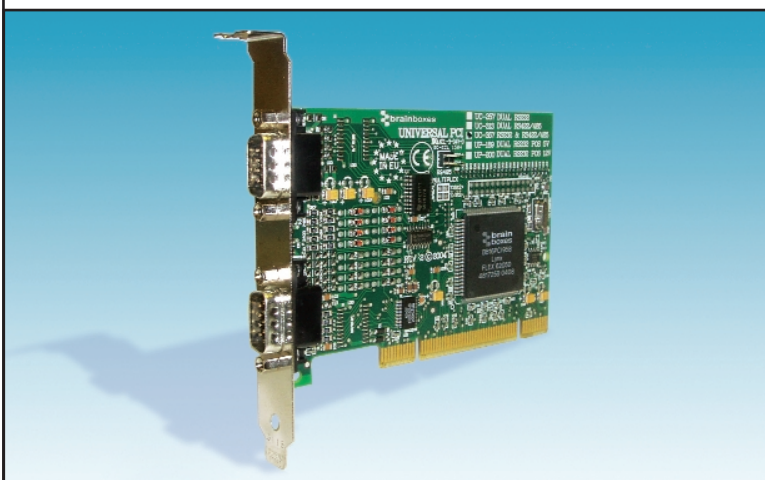
Software

Serial Solutions Device Driver CD contains software for Windows Server 2003, Windows XP, Windows 2000, Windows Millennium, Windows 98, Windows 95, Windows NT4 and Linux support.

Windows Server 2003, Windows XP & Windows 2000 signed drivers.

Informative manuals and sample programs are supplied with full source code on CD!

For details of RS232, RS422 or RS485 Standard see:
www.brainboxes.com/standards



ORDER

Description

UNIVERSAL PCI 1 X RS422/485 PORT & 1 X RS232 PORT

Code

UC-357