

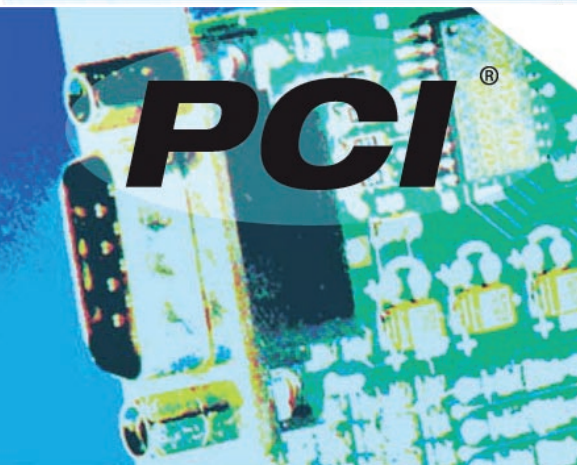
RoHS Compliant



UC-357

uPCI 1xRS232 + 1xRS422/485 1MBaud

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



Description

Universal PCI providing one RS232 port and one RS422/485 serial port. Up to 921,600 data transfer rates and the 128 byte deep transmit and 128 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC.

Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 2 port RS232 + RS422/485
- PCI 3.0
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

Options



UC-357:
uPCI 1xRS232 +
1xRS422/485 1MBaud

Software

Microsoft signed drivers (easy installation & robust operation) for:

- Windows Server 2008 & Windows 2000
- Windows Vista 32 bit and 64 bit editions
- Windows Server 2003 32 bit & 64 bit Editions
- Windows XP 32 bit & 64 bit editions



As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



ORDER

Description

uPCI 1xRS232 + 1xRS422/485 1MBaud

Code

UC-357



uPCI 1xRS232 + 1xRS422/485 1MBaud

UC-357: Full Specification

| <p>Port</p> <table border="1"> <thead> <tr> <th colspan="2">RS422/485</th> <th colspan="2">RS232</th> <th rowspan="2">Pinout (9 pin)</th> </tr> <tr> <th>Pin 1</th> <th>TXD-</th> <th>Pin 1</th> <th>D D</th> </tr> </thead> <tbody> <tr> <td>Pin</td> <td>TXD</td> <td>Pin</td> <td>XD</td> <td rowspan="9"> </td> </tr> <tr> <td>Pin</td> <td>T -</td> <td>Pin</td> <td>TXD</td> </tr> <tr> <td>Pin</td> <td>T</td> <td>Pin</td> <td>DT</td> </tr> <tr> <td>Pin</td> <td>D</td> <td>Pin</td> <td>D</td> </tr> <tr> <td>Pin</td> <td>XD-</td> <td>Pin</td> <td>D</td> </tr> <tr> <td>Pin</td> <td>XD</td> <td>Pin</td> <td>T</td> </tr> <tr> <td>Pin</td> <td>T -</td> <td>Pin</td> <td>T</td> </tr> <tr> <td>Pin</td> <td>T</td> <td>Pin</td> <td>T</td> </tr> <tr> <td>Pin</td> <td>T</td> <td>Pin</td> <td></td> </tr> </tbody> </table> | RS422/485 | | RS232 | | Pinout (9 pin) | Pin 1 | TXD- | Pin 1 | D D | Pin | TXD | Pin | XD | | Pin | T - | Pin | TXD | Pin | T | Pin | DT | Pin | D | Pin | D | Pin | XD- | Pin | D | Pin | XD | Pin | T | Pin | T - | Pin | T | Pin | T | Pin | T | Pin | T | Pin | | <p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p> | <p>2 x RS232 + RS422/485</p> <p>DB9 connector (9 Pin Male)</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres) or EIA - RS232 Standard</p> <p>No Cable; Integrated Connector</p> |
|---|---|--|-------|----------------|----------------|-------|------|-------|-----|-----|-----|-----|----|--|-----|-----|-----|-----|-----|---|-----|----|-----|---|-----|---|-----|-----|-----|---|-----|----|-----|---|-----|-----|-----|---|-----|---|-----|---|-----|---|-----|--|--|---|
| RS422/485 | | RS232 | | Pinout (9 pin) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin 1 | TXD- | Pin 1 | D D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | TXD | Pin | XD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | T - | Pin | TXD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | T | Pin | DT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | D | Pin | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | XD- | Pin | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | XD | Pin | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | T - | Pin | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | T | Pin | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin | T | Pin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Port Settings</p> <p>921,600 baud</p> | <p>Baud Rate</p> <p>Data Bits</p> <p>Parity</p> <p>Stop Bits</p> <p>Flow Control</p> <p>Tx/Rx Modes</p> | <p>921,600</p> <p>5,6,7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1, 1.5 or 2</p> <p>RTS/CTS DSR/DTR XON/XOFF</p> <p>Point to Point (RS232), Full Duplex, Half Duplex Autogating, Hardware Autogating, TxD always / RTS true enabled, RxD always enabled, RxD RTS true disabled, CTS forced true (RS422/485)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Interface</p> | <p>OS Compatibility</p> <p>BUS</p> | <p>Windows Server 2008 32 bit & 64 bit Editions Windows Vista 32 bit & 64 bit Editions Windows Server 2003 32 bit & 64 bit Editions Windows XP 32 bit & 64 bit Editions Microsoft Windows 2000</p> <p>PCI 3.0 : Peripheral Component Interface</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Approvals</p> | <p>Other Approvals</p> <p>Microsoft Approvals</p> | <p>WEEE RoHS EMC: CE</p> <p>Microsoft Certified Gold Partner</p> <p>Windows Server 2008 32 bit & 64 bit editions Windows Vista 32 bit & 64 bit editions</p> <p>Windows Server 2003 32 bit & 64 bit editions Windows XP 32 bit & 64 bit editions</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>General</p> | <p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p> | <p>4</p> <p>550mA @ 5V</p> <p>0.08 Kg</p> <p>0x0x0 mm</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Box Content</p> | <p>Packaging</p> <p>Card</p> | <p>Installation CD including manual, Microsoft signed drivers & utilities</p> <p>uPCI 1xRS232 + 1xRS422/485 1MBaud /</p> <p>No Cable; Integrated Connector</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Product Support</p> | <p>Warranty</p> <p>Support</p> | <p>Lifetime (online registration required)</p> <p>Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Additional</p> | <p>OEM option</p> <p>Made In</p> <p>Customisable</p> | <p>Available for bulk buy OEM</p> <p>Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"</p> <p>Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |