

Product Datasheet - Technical Specifications



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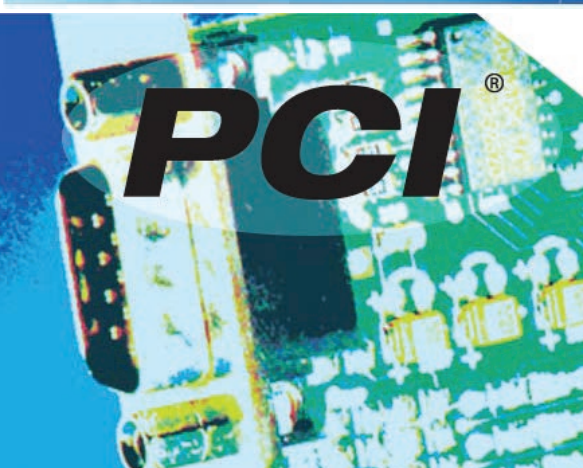
www.meilhaus.de

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. Data transfer rates up to 921,600 baud rates and the 128 byte deep transmit and 128 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC. Includes drivers for all Windows 32 bit and 64 bit Operating Systems, including Windows 7.

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

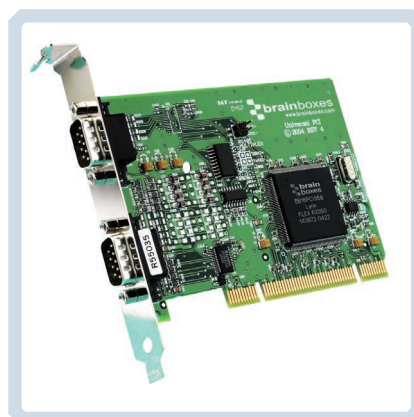
Software

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

- Windows 7 32 bit 64 bit Editions
- Windows Server 2008 32 bit 64 bit Editions
- Windows Vista 32 bit 64 bit editions
- Windows Server 2003 32 bit 64 bit Editions

64 Bit Driver

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.



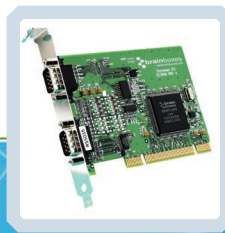
ORDER

Description

uPCI 1xRS232 + 1xRS422/485 1MBaud

Code

UC-357



uPCI 1xRS232 + 1xRS422/485 1MBaud

UC-357 Full Specification

Port <table border="1"> <thead> <tr> <th></th> <th>RS422/485</th> <th>RS232</th> </tr> </thead> <tbody> <tr> <td>Pin 1</td> <td>TXD-</td> <td>DCD</td> </tr> <tr> <td>Pin 2</td> <td>TXD+</td> <td>RXD</td> </tr> <tr> <td>Pin 3</td> <td>RTS-</td> <td>TXD</td> </tr> <tr> <td>Pin 4</td> <td>RTS+</td> <td>DTR</td> </tr> <tr> <td>Pin 5</td> <td>GND</td> <td>GND</td> </tr> <tr> <td>Pin 6</td> <td>RXD-</td> <td>DSR</td> </tr> <tr> <td>Pin 7</td> <td>RXD+</td> <td>RTS</td> </tr> <tr> <td>Pin 8</td> <td>CTS</td> <td>CTS</td> </tr> <tr> <td>Pin 9</td> <td>CTS+</td> <td>RI</td> </tr> </tbody> </table>		RS422/485	RS232	Pin 1	TXD-	DCD	Pin 2	TXD+	RXD	Pin 3	RTS-	TXD	Pin 4	RTS+	DTR	Pin 5	GND	GND	Pin 6	RXD-	DSR	Pin 7	RXD+	RTS	Pin 8	CTS	CTS	Pin 9	CTS+	RI	Ports Connector FIFO size Operating Distance Cable	2 x RS232 + RS422/485 DB9 Connector - 9 Pin Male 128 RX FIFO + 128 TX FIFO RS422/485 Standard 4000 ft : 1200 metres / EIA - RS232 Standard No Cable; Integrated Connector
	RS422/485	RS232																														
Pin 1	TXD-	DCD																														
Pin 2	TXD+	RXD																														
Pin 3	RTS-	TXD																														
Pin 4	RTS+	DTR																														
Pin 5	GND	GND																														
Pin 6	RXD-	DSR																														
Pin 7	RXD+	RTS																														
Pin 8	CTS	CTS																														
Pin 9	CTS+	RI																														
Port Settings 	Baud Rate Data Bits Parity Stop Bits Flow Control Tx/Rx Modes	921,600 5,6,7 or 8 Odd, Even, None, Mark or Space 1, 1.5 or 2 Point to Point RS232, Full Duplex, Half Duplex Autogating, Hardware Autogating, Tx/D always/ RTS true enabled, Rx/D always enabled, Rx/D RTS true disabled, CTS forced true RS422/485																														
Interface 	OS Compatibility BUS	Microsoft Windows 7 32 bit 64 bit Editions 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 DOS PCI : Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.																														
Approvals	Industry Approvals Microsoft Approvals	AEO C-TPAT C-Tick Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA Windows 7 32 bit 64 bit Editions 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																														
General	PCB Layers Power Consumption Weight Size	4 550mA @ 5V 0.08 kg 136l x 18w x 120h mm																														
Box Content	Packaging Card	Installation CD including manual, Microsoft signed drivers & utilities uPCI 1xRS232 + 1xRS422/485 1MBaud No Cable; Integrated Connector																														
Product Support 	Warranty Support	Lifetime (online registration required) Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team																														
Additional 	OEM option Made In Customisable	Available for bulk buy OEM Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year" Brainboxes operate a "Perfect Fit Custom Design" policy for volume users.																														