

**RoHS Compliant**

# UC-368

## uPCI 4xRS422/485 1MBaud Opto Isolated

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



### Description

Universal PCI providing four Opto Isolated RS422/485 serial ports with transient spike protection. Data transfer rates up to 921,600 baud rates and the 64 byte deep transmit and 64 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

- 4 port RS422/485
- PCI 3.0
- 64 Byte Tx and 64 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-368:  
uPCI 4xRS422/485  
1MBaud Opto Isolated

### 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



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

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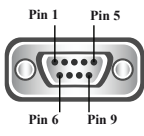





Code

UC-368



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### UC-368 Full Specification

<b>Port</b>  <table border="1" data-bbox="60 414 151 584"> <tr><td>Pin 1</td><td>TXD-</td></tr> <tr><td>Pin 2</td><td>TXD+</td></tr> <tr><td>Pin 3</td><td>RTS-</td></tr> <tr><td>Pin 4</td><td>RTS+</td></tr> <tr><td>Pin 5</td><td>GND</td></tr> <tr><td>Pin 6</td><td>RXD-</td></tr> <tr><td>Pin 7</td><td>RXD+</td></tr> <tr><td>Pin 8</td><td>CTS</td></tr> <tr><td>Pin 9</td><td>CTS+</td></tr> </table> 	Pin 1	TXD-	Pin 2	TXD+	Pin 3	RTS-	Pin 4	RTS+	Pin 5	GND	Pin 6	RXD-	Pin 7	RXD+	Pin 8	CTS	Pin 9	CTS+	<b>Ports</b> 4 x RS422/485  <b>Connector</b> DB9 Connector - 9 Pin Male  <b>FIFO size</b> 64 RX FIFO + 64 TX FIFO  <b>Operating Distance</b> RS422/485 Standard 4000 ft : 1200 metres  <b>Cable</b> 4x9 pin cable	
Pin 1	TXD-																			
Pin 2	TXD+																			
Pin 3	RTS-																			
Pin 4	RTS+																			
Pin 5	GND																			
Pin 6	RXD-																			
Pin 7	RXD+																			
Pin 8	CTS																			
Pin 9	CTS+																			
<b>Port Settings</b>  	<b>Baud Rate</b> 921,600  <b>Data Bits</b> 5,6,7 or 8  <b>Parity</b> Odd, Even, None, Mark or Space  <b>Stop Bits</b> 1, 1.5 or 2  <b>Flow Control</b>  <b>Tx/Rx Modes</b> Full Duplex, Half Duplex Autogating, Hardware Autogating, TxD always/ RTS true enabled, RxD always enabled, RxD RTStrue disabled, CTS forced true																			
<b>Interface</b>  	<b>OS Compatibility</b> 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  <b>BUS</b> PCI : Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.																			
<b>Approvals</b>	<b>Industry Approvals</b> AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE FCC Compliant TAA  <b>Microsoft Approvals</b>	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																		
<b>General</b>	<b>PCB Layers</b> 4  <b>Power Consumption</b> 550mA @ 5V  <b>Weight</b> 0.131 kg  <b>Size</b> 173l x 18w x 127h mm																			
<b>Box Content</b>	<b>Packaging</b> Installation CD including manual, Microsoft signed drivers & utilities  <b>Card</b> uPCI 4xRS422/485 1MBaud Opto Isolated  4x9 pin cable																			
<b>Product Support</b>  	<b>Warranty</b> Lifetime (online registration required)  <b>Support</b> Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team																			
<b>Additional</b>   	<b>OEM option</b> Available for bulk buy OEM  <b>Made In</b> Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"  <b>Customisable</b> Brainboxes operate a "Perfect Fit Custom Design" policy for volume	Other PCI Cards: 1xRS232   2xRS232   4xRS232   8xRS232   1xRS422/485   2xRS422/485   4xRS422/485 Other Brainboxes Ranges: PCI Express   Bluetooth Serial Adapter   Ethernet to Serial Adapter   PCMCIA Serial Card   ExpressCard Serial Adapter   USB to Serial																		