

**RoHS Compliant**

# UC-049/UC-072

## LP uPCI 4xRS232 Opto Isolated TX RX GND

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



### Description

Universal PCI providing four low profile RS232 serial ports with Opto Isolation on TX RX and GND lines RTS, CTS and all other lines are not connected. 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

- 4 port RS232
- 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)

### 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.

### Options



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UC-072  
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### ORDER

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Code

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### UC-049/UC-072 Full Specification

<p><b>Port</b></p> <table border="1"> <tr><td>Pin 1</td><td>N.C.</td></tr> <tr><td>Pin 2</td><td>OPTO RXD</td></tr> <tr><td>Pin 3</td><td>OPTO TXD</td></tr> <tr><td>Pin 4</td><td>N.C.</td></tr> <tr><td>Pin 5</td><td>OPTO GND</td></tr> <tr><td>Pin 6</td><td>N.C.</td></tr> <tr><td>Pin 7</td><td>N.C.</td></tr> <tr><td>Pin 8</td><td>N.C.</td></tr> <tr><td>Pin 9</td><td>N.C.</td></tr> </table> <p>Opto Isolated RS232 Pinout (9 Pin Male)</p>	Pin 1	N.C.	Pin 2	OPTO RXD	Pin 3	OPTO TXD	Pin 4	N.C.	Pin 5	OPTO GND	Pin 6	N.C.	Pin 7	N.C.	Pin 8	N.C.	Pin 9	N.C.	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>4 x RS232</p> <p>DB9 Connector - 9 Pin Male</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>EIA - RS232 Standard</p> <p>4 port cable 44 way D to 4x9 Pin Male</p>
Pin 1	N.C.																			
Pin 2	OPTO RXD																			
Pin 3	OPTO TXD																			
Pin 4	N.C.																			
Pin 5	OPTO GND																			
Pin 6	N.C.																			
Pin 7	N.C.																			
Pin 8	N.C.																			
Pin 9	N.C.																			
<p><b>Port Settings</b></p> <p>921,600 &gt;&gt;&gt;&gt; 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>Point to Point</p>																		
<p><b>Interface</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>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</p> <p>PCI : Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.</p>																		
<p><b>Approvals</b></p>	<p>Industry Approvals</p> <p>Microsoft Approvals</p>	<p>AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA</p> <p>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</p>																		
<p><b>General</b></p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>550mA @ 5V</p> <p>0.072 kg</p> <p>134l x 18w x 80h mm</p>																		
<p><b>Box Content</b></p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers &amp; utilities</p> <p>LP uPCI 4xRS232 Opto Isolated TX RX GND</p> <p>4 port cable 44 way D to 4x9 Pin Male</p>																		
<p><b>Product Support</b></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><b>Additional</b></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: <a href="mailto:sales@brainboxes.com">sales@brainboxes.com</a></p>																		