

RoHS Compliant

UC-324/ UC-320

uPCI 1xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

Universal PCI providing 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

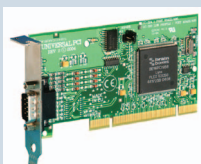
- 1 port RS422/485
- PCI 3.0
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

Options



UC-324:
uPCI 1xRS422/485
1MBaud

UC-320
LP uPCI 1xRS422/485
1MBaud



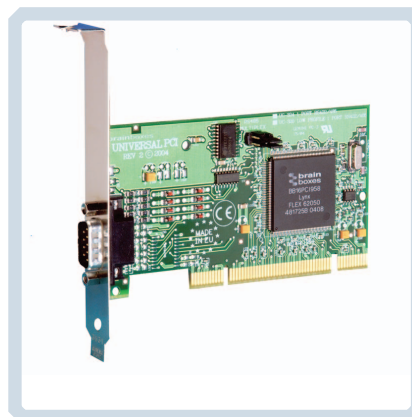
Software

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 1xRS422/485 1MBaud

LP uPCI 1xRS422/485 1MBaud

Code

UC-324

UC-320

UC-324/ UC-320Full Specification

<div>Port</div> <div><table><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><div>RS422/485 Pinout (9 Pin)</div><div><div>Pin 1 Pin 5 Pin 6 Pin 9</div></div></div>	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+	<div>Ports</div> <div>Connector</div> <div>FIFO size</div> <div>Operating Distance</div> <div>Cable</div>	<div>1 x RS422/485</div> <div>DB9 Connector - 9 Pin Male</div> <div>128 RX FIFO + 128 TX FIFO</div> <div>RS422/485 Standard (4000 ft : 1200 metres)</div> <div>No Cable; Integrated Connector</div>
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+																			
<div>Port Settings</div> <div><div>921,600</div><div>>>>></div><div>baud</div></div>	<div>Baud Rate</div> <div>Data Bits</div> <div>Parity</div> <div>Stop Bits</div> <div>Flow Control</div> <div>Tx/Rx Modes</div>	<div>921,600</div> <div>5,6,7 or 8</div> <div>Odd, Even, None, Mark or Space</div> <div>1, 1.5 or 2</div> <div></div> <div>Full Duplex, Half Duplex Autogating, Hardware Autogating, TxD always/ RTS true enabled, RxD always enabled, RxD RTStrue disabled, CTS forced true</div>																		
<div>Interface</div> <div><div>PCI®</div></div>	<div>OS Compatibility</div> <div>BUS</div>	<div>Microsoft Windows 7 32 bit & 64 bit Editions</div> <div>Windows Server 2008 32 bit & 64 bit Editions</div> <div>Windows Vista 32 bit & 64 bit Editions</div> <div>Windows Server 2003 32 bit & 64 bit Editions</div> <div>Windows XP 32 bit & 64 bit Editions</div> <div>Microsoft Windows 2000</div> <div>DOS</div> <div>PCI : Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.</div>																		
<div>Approvals</div> <div><div></div><div></div><div></div></div>	<div>Industry Approvals</div> <div>Microsoft Approvals</div>	<div>AEO (C-TPAT) C-Tick Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA</div> <div>Windows 7 32 bit & 64 bit Editions</div> <div>Windows Server 2008 32 bit & 64 bit editions</div> <div>Windows Vista 32 bit & 64 bit editions</div> <div>Windows Server 2003 32 bit & 64 bit editions</div> <div>Windows XP 32 bit & 64 bit editions</div>																		
<div>General</div> <div><div></div><div></div></div>	<div>PCB Layers</div> <div>Power Consumption</div> <div>Weight</div> <div>Size</div>	<div>4</div> <div>550mA @ 5V</div> <div>0.063 kg, 0.14 pounds (UC-324) 0.061 kg, 0.13 pounds (UC-320)</div> <div>null</div>																		
<div>Box Content</div>	<div>Packaging</div> <div>Card</div>	<div>Installation CD including manual, Microsoft signed drivers & utilities</div> <div>uPCI 1xRS422/485 1MBaud</div> <div>No Cable; Integrated Connector</div>																		
<div>Product Support</div> <div><div></div><div></div></div>	<div>Warranty</div> <div>Support</div>	<div>Lifetime (online registration required)</div> <div>Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team</div>																		
<div>Additional</div> <div><div></div><div></div></div>	<div>OEM option</div> <div>Made In</div> <div>Customisable</div>	<div>Available for bulk buy OEM</div> <div>Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards “Manufacturer of the Year”</div> <div>Brainboxes operate a “Perfect Fit Custom Design” policy for volume</div>																		
<div>Other PCI Cards: 1xRS232 2xRS232 4xRS232 8xRS232 1xRS422/485 2xRS422/485 4xRS422/485</div> <div>Other Brainboxes Ranges: PCI Express Bluetooth Serial Adapter Ethernet to Serial Adapter PCMCIA Serial Card ExpressCard Serial Adaptor USB to Serial</div>																				