

RoHS Compliant

PX-320/ PX-324

LP PCIe 1xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



#### Description

PCI Express Card providing 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.

PCI Express is the latest standard in PC connectivity.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!  
PX-320 - Low profile version; PX-324 - Standard profile version

#### Features

- 1 port RS422/485
- PCI Express x1, x4, x8 & x16 lane slots socket size
- 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



PX-320:  
LP PCIe 1xRS422/485  
1MBaud

PX-324:  
PCIe 1xRS422/485  
1MBaud



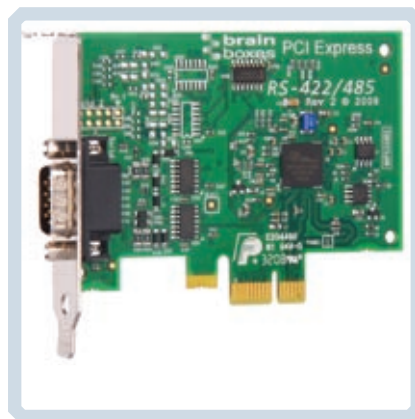
#### Software

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

- Windows Server 2008 32 bit & 64 bit Editions
- 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

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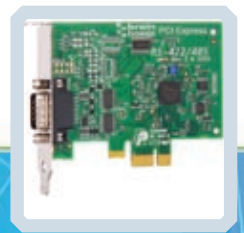
PCIe 1xRS422/485 1MBaud

Code

PX-320

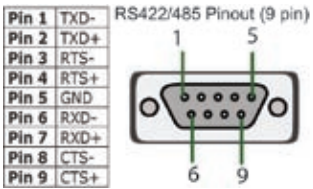
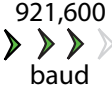




PX-324

# PX-320 PX-324



## LP PCIe 1xRS422/485 1MBaud

### PX-320/ PX-324: Full Specification

<b>Port</b>  	<b>Ports</b>  <b>Connector</b> <b>FIFO size</b> <b>Operating Distance</b> <b>Cable</b>	1 x RS422/485  DB9 connector (9 Pin Male) 128 RX FIFO + 128 TX FIFO RS422/485 Standard (4000 ft : 1200 metres) No Cable; Integrated Connector
<b>Port Settings</b>  	<b>Baud Rate</b> <b>Data Bits</b> <b>Parity</b> <b>Stop Bits</b> <b>Flow Control</b> <b>Tx/Rx Modes</b>	921,600 5,6,7 or 8 Odd, Even, None, Mark or Space 1, 1.5 or 2 RTS/CTS DSR/DTR XON/XOFF Full Duplex, Half Duplex Autogating
<b>Interface</b>  	<b>OS Compatibility</b>  <b>BUS</b>	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  PCI Express x1, x4, x8 & x16 lane slots :
<b>Approvals</b>  	<b>Other Approvals</b> <b>Microsoft Approvals</b>	WEEE RoHS METL EMC: CE  Microsoft Certified Gold Partner 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> <b>Power Consumption</b> <b>Weight</b> <b>Size</b>	4 380mA @ 3.3V 0.043 Kg 105x20x80 mm
<b>Box Content</b>	<b>Packaging</b> <b>Card</b>	Installation CD including manual, Microsoft signed drivers & utilities LP PCIe 1xRS422/485 1MBaud / PCIe 1xRS422/485 1MBaud No Cable; Integrated Connector
<b>Product Support</b>  	<b>Warranty</b> <b>Support</b>	Lifetime (online registration required)  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> <b>Made In</b> <b>Customisable</b>	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. More Info: <a href="mailto:sales@brainboxes.com">sales@brainboxes.com</a>

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