

RoHS Compliant

PX-376/PX-387
LP PCIe 1 x RS422/485 1MBaud Opto Isolated
"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"


Description

PCI Express Card providing one low profile opto isolated 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. Opto Isolation provides greater protection from electrical current surges to the card and PC.

PCI Express is the latest standard in PC connectivity.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!
 PX-376 - Low Profile PCIe 1xRS422/485 1MBaud Opto Isolated version;
 PX-387 - PCIe 1xRS422/485 1MBaud Opto Isolated version.

Features

- 1 port RS422/485 Opto Isolated
- 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-376:
 LP PCIe 1 x RS422/485
 1MBaud Opto Isolated

PX-387:
 PCIe 1xRS422/485
 1MBaud Opto Isolated



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

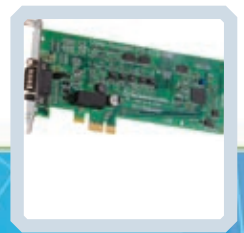
LP PCIe 1 x RS422/485 1MBaud Opto Isolated
 PCIe 1xRS422/485 1MBaud Opto Isolated

Code

PX-376
 PX-387

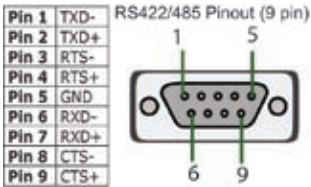
*Opto-Isolation: ± 1500 Volt DC / 1000 Volt AC

+44(0) 151 220 2500 | sales@brainboxes.com | www.brainboxes.com



LP PCIe 1 x RS422/485 1MBaud Opto Isolated

PX-376/PX-387: Full Specification

Port 	Ports Connector FIFO size Operating Distance Cable	1 x RS422/485 Opto Isolated DB9 connector (9 Pin Male) 128 RX FIFO + 128 TX FIFO RS422/485 Standard (4000 ft : 1200 metres) No Cable; Integrated Connector
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 RTS/CTS DSR/DTR XON/XOFF Full Duplex, Half Duplex Autogating
Interface 	OS Compatibility BUS	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 :
Approvals 	Other Approvals Microsoft Approvals	WEEE RoHS EMC: CE Microsoft Certified Gold Partner 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
General	PCB Layers Power Consumption Weight Size	4 320mA @ 3.3V, 70mA @ 12V 0.06 Kg 160x80x20 mm
Box Content	Packaging Card	Installation CD including manual, Microsoft signed drivers & utilities LP PCIe 1 x RS422/485 1MBaud Opto Isolated / PCIe 1xRS422/485 1MBaud Opto Isolated 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. More Info: sales@brainboxes.com