

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



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

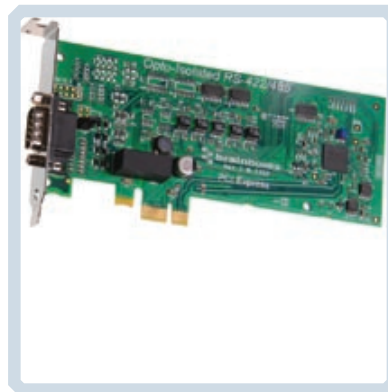
Software

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



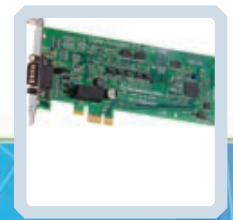
As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



ORDER

Description	Code
LP PCIe 1 x RS422/485 1MBaud Opto Isolated	PX-376
PCIe 1xRS422/485 1MBaud Opto Isolated	PX-387

PX-376 PX-387



LP PCIe 1 x RS422/485 1MBaud Opto Isolated

PX-376/PX-387: Full Specification

<p>Port</p>	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>1 x RS422/485 Opto Isolated</p> <p>DB9 connector (9 Pin Male)</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p> <p>No Cable; Integrated Connector</p>
<p>Port Settings</p> <p>921,600 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>RTS/CTS DSR/DTR XON/XOFF</p> <p>Full Duplex, Half Duplex Autogating</p>
<p>Interface</p>	<p>OS Compatibility</p> <p>BUS</p>	<p>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</p> <p>PCI Express x1, x4, x8 & x16 lane slots :</p>
<p>Approvals</p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>WEEE RoHS EMC: CE Microsoft Certified Gold Partner</p> <p>Microsoft Certified Gold Partner</p> <p>Windows Server 2008 32 bit & 64 bit editions Windows Vista 32 bit & 64 bit editions</p> <p>Windows Server 2003 32 bit & 64 bit editions Windows XP 32 bit & 64 bit editions</p>
<p>General</p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>320mA @ 3.3V, 70mA @ 12V</p> <p>0.06 Kg</p> <p>160x80x20 mm</p>
<p>Box Content</p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers & utilities</p> <p>LP PCIe 1 x RS422/485 1MBaud Opto Isolated / PCIe 1xRS422/485 1MBaud Opto Isolated</p> <p>No Cable; Integrated Connector</p>
<p>Product Support</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>Additional</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: sales@brainboxes.com</p>

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