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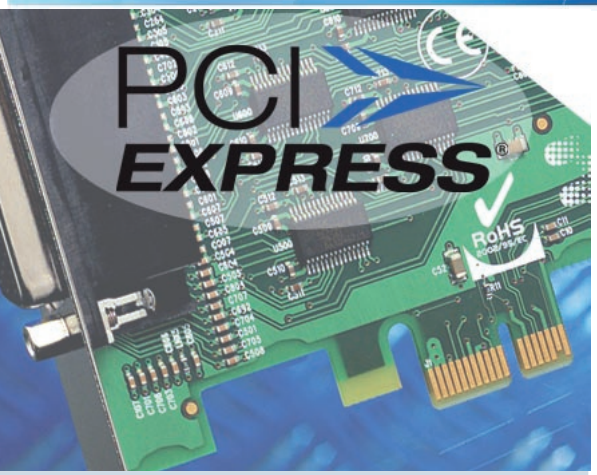
RoHS Compliant



PX-368

PCIe 4xRS422/485 1MBaud Opto Isolated

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

PCI Express card providing four Opto Isolated RS422/485 serial ports. 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. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows 2000, XP, Server 2003, Vista, Server 2008 and Windows 7.

PCI Express is the latest standard in PC connectivity.

With Brainboxes' industry renowned Lifetime Warranty and Lifetime Support!

Features

- 4 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)

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.

Options



PX-368:
PCIe 4xRS422/485
1MBaud Opto Isolated

:



LIFETIME SUPPORT | LIFETIME WARRANTY

Windows 7 | Windows Server | Windows Vista | Windows Server 2003

Microsoft | RoHS | CE | TAA Compliant

ORDER

Description	Code
PCIe 4xRS422/485 1MBaud Opto Isolated	PX-368

PX-368



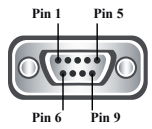
PCIe 4xRS422/485 1MBaud Opto Isolated

PX-368: Full Specification

Port

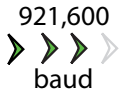
Pin 1	TXD-
Pin 2	TXD+
Pin 3	RTS-
Pin 4	RTS+
Pin 5	GND
Pin 6	RXD-
Pin 7	RXD+
Pin 8	CTS
Pin 9	CTS+

RS422/485 Pinout (9 Pin)



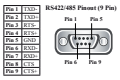
Ports	4 x RS422/485
Connector	DB9 connector -- 9 Pin Male
FIFO size	128 RX FIFO + 128 TX FIFO
Operating Distance	RS422/485 Standard (4000 ft : 1200 metres)
Cable	4 port cable: 44 way D - 4x9 Pin

Port Settings



Baud Rate	921,600
Data Bits	5,6,7 or 8
Parity	Odd, Even, None, Mark or Space
Stop Bits	1, 1.5 or 2
Flow Control	RTS/CTS, XON/XOFF
Tx/Rx Modes	Full Duplex, Half Duplex Autogating - Hardware Autogating

Interface



OS Compatibility	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
BUS	PCI Express x1, x4, x8 & x16 lane slots

Approvals

Other Approvals	Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
Microsoft Approvals	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

CE TAA Compliant

PCB Layers	4
Power Consumption	400mA@3.3V, 140mA@12V
Weight	0.108 kg Kg
Size	150(l) x 20(w) x 130(h) mm mm

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	PCIe 4xRS422/485 1MBaud Opto Isolated 4 port cable: 44 way D - 4x9 Pin

Product Support

Warranty	Lifetime (online registration required)
Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team

Additional

Elektra 05 European Electronics Industry Awards WINNER Manufacturer of the Year

Made in the UK

OEM option	Available for bulk buy OEM
Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com

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