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NEW

RoHS Compliant

PX-313

PCIe 2xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

PCI EXPRESS®

Description

PCI Express Card providing two 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.

PCI Express is the latest standard in PC connectivity.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 2 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-313:
PCIe 2xRS422/485
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

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.

LIFETIME SUPPORT   LIFETIME WARRANTY

Designed for Microsoft® Windows® Server 2003

CERTIFIED FOR Windows Server® 2008

CERTIFIED FOR Windows Vista®

Designed for Microsoft® Windows® XP

Microsoft GOLD CERTIFIED Partner

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RoHS

CE

ORDER

Description	Code
PCIe 2xRS422/485 1MBaud	PX-313

PCIe 2xRS422/485 1MBaud

PX-313: Full Specification

Port		
	Ports	2 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	No Cable; Integrated Connector

RS422/485 Pinout (9 pin)

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+

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 DSR/DTR XON/XOFF
	Tx/Rx Modes	Full Duplex, Half Duplex Autogating

921,600 baud

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

PCI EXPRESS

Approvals		
	Other Approvals	WEEE RoHS METL EMC: CE
	Microsoft Approvals	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	4
	Power Consumption	380mA @ 3.3V
	Weight	0.06 Kg
	Size	100x20x120 mm

Box Content		
	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	PCIe 2xRS422/485 1MBaud / No Cable; Integrated Connector

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		
	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

Elektra O5
European Electronics Industry Awards
WINNER
Manufacturer of the Year

Made in the UK