











## RoHS Compliant



PX-303

## PCIe 1+1xRS422/485 1MBaud

### "SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



#### **Features**

- 2 port RS422/485
- PCI Express x1, x4, x8 x16 lane slots socket
- 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-303. PCIe 1+1xRS422/485 1MBaud

#### 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. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows 2000, XP, Server 2003, Vista, Server 2008, Windows 7 and Windows 8.

PCI Express is the latest standard in PC connectivity.

With Brainboxes' industry renowned Lifetime Warranty and Lifetime Support!

#### 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

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 PCIe 1+1xRS422/485 1MBaud

Code PX-303



# PCle 1+1xRS422/485 1MBaud

PX-303: Full Specification

PA-303. Full specification		
Port	Ports	2 x RS422/485
Pin 1   TXD-   RS422/485 Pinout (9 Pin)	Connector	DB9 Connector - 9 Pin Male
Pin 2         TXD+           Pin 3         RTS-	FIFO size	128 RX FIFO + 128 TX FIFO
Pin 4 RTS+ Pin 5 GND Pin 6 RXD-	Operating Distance	RS422/485 Standard 4000 ft : 1200 metres
Pin 7 RXD+ Pin 8 CTS Pin 6 Pin 9	Cable	No Cable; Integrated Connector
Pin 9 CTS+		
Port Settings	Baud Rate	921,600
921,600	Data Bits	5,6,7 or 8
<b>&gt;</b> > >	Parity	Odd, Even, None, Mark or Space
baud	Stop Bits	1, 1.5 or 2
	Flow Control	RTS/CTS, DSR/DTR, XON/XOFF
	Tx/Rx Modes	Full Duplex, Half Duplex Autogating - Hardware Autogating
Interface	OS Compatibility	Microsoft Windows 8 32 bit 64 bit Editions
Pa 1 2335 RS-422/485 Pinnet (9 Pin) The 2 23355 Pin 1 Pa 5		Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions
PB-3 (2025) PB-5 (2025) PB-6 (2025) PB-7 (2025)		Windows Vista 32 bit 64 bit Editions
Pas ECTS: Pas ECTS:		Windows Server 2003 32 bit 64 bit Editions
	BUS	PCI Express x1, x4, x8 x16 lane slots
Approvals	Other Approvals	AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
	Microsoft Approvals	Windows 7 32 bit 64 bit Editions
		Windows Vista 32 bit 64 bit editions
Windows Vindows Server*2008 Vista*		Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions
		Williams Att 52 bit 61 bit californs
General	PCB Layers	4
	Power Consumption	380mA @ 3.3V
Compliant	Weight	0.17 kg
Compilant	Size	150l x 145w x 44h mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	PCle 1+1xRS422/485 1MBaud
		No Cable; Integrated Connector
Product Support	Warranty	Lifetime (online registration required)
GETTAL GETTAL	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
Elektra O5	Made In	Manufactured in the UK by Brainboxes Winner 2005 European
European Electronics Industry Awards WINNER		Electronics Industry Awards "Manufacturer of the Year"
Manufacturer of the Year  Made in the UK	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com
		users. More into. saics@brainboxes.com

Other PCI Express Cards: 1 Port RS232 | 2 Port RS232 | 4 Port RS232 | 8 Port RS232 | 1 Port RS422/485 | 2 Port RS422/485 | 4 Port RS422/485 Other Brainboxes Ranges: PCI | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial