brainboxes www.brainboxes.com



ISO 9001

Registered Registered





RoHS Compliant



PCIe 3+1xRS232 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

/..../

PX-420



Features

- 4 port RS232
- 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-420: PCle 3+1xRS232 1MBaud

Description

PCI Express Card providing four RS232 serial ports. Data transfer rates up to 921,600 baud 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.





64

ORDER Description PCIe 3+1xRS232 1MBaud

Code PX-420

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

PX-420



www.brainboxes.com

PCIe 3+1xRS232 1MBaud

PX-420: Full Specification

Port	Ports	4 x RS232
Pin 1 DCD RS232 Pinout (9 Pin Male)	Connector	DB9 Connector - 9 Pin Male
Pin 2 RXD Pin 1 Pin 5 Pin 3 TXD	FIFO size	128 RX FIFO + 128 TX FIFO
Pin 4 DTR Pin 5 GND	Operating Distance	EIA - RS232 Standard
Pin 6 DSR Pin 7 RIS Pin 8 CTS Pin 9 RI	Cable	1 port RS232 on fly lead
Port Settings	Baud Rate	921,600
921,600	Data Bits	5,6,7 or 8
\rangle	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	Point to Point
Interface	OS Compatibility	Microsoft Windows 8 32 bit 64 bit Editions
Part [DCD] RS22 Pinost (P Fit Male)		Microsoft Windows 7 32 bit 64 bit Editions
Pic 2 Excl Pin 1 Pin 5 Pin 2 Pin 1 Pin 5 Pin 4 Pin 1 Pin 4 Pin 1 Pin 5 Pin 4 Pin 1 Pin 4 Pin 1 Pin 5 Pin 5 Pin 1 Pin 4 Pin 1 Pin 5 Pin 1 Pin 5		Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions
Page 2 (273) Page 4 (273) Page 4 (273) Page 6 (274) Page 9 (27) Page 6 (274)		Windows Vista 52 bit 64 bit Editions 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 METL EMC: CE TAA
	Microsoft Approvals	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
General	PCB Layers	4
	Power Consumption	380mA @ 3.3V
	Weight	0.08 kg
	Size	108l x 18w x 127h mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	PCIe 3+1xRS232 1MBaud
		1 port RS232 on fly lead
Product Support	Warranty	Lifetime (online registration required)
SERVICE SERVICE	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"
WINNER 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

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

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