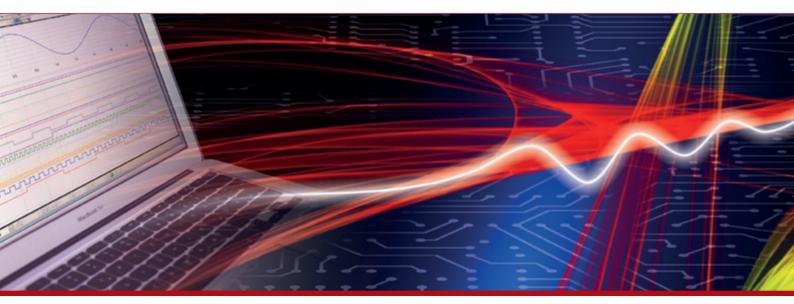# Product Datasheet - Technical Specifications

More information in our Web-Shop at ▶ **www.meilhaus.com**

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brainboxes

RoHS Compliant

PX-431

PCIe 3xRS232 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

Description

PCI Express Card providing three 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!

Features

- 3 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)

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.

Options

PX-431:
PCIe 3xRS232 1MBaud

:

ORDER	
Description	Code
PCIe 3xRS232 1MBaud	PX-431

PCIe 3xRS232 1MBaud

PX-431: Full Specification

Port		
	Ports	3 x RS232
RS232 Pinout (9 Pin Male)	Connector	DB9 Connector - 9 Pin Male
Pin 1 DCD / Pin 2 RXD / Pin 3 TXD / Pin 4 DTR / Pin 5 GND / Pin 6 DSR / Pin 7 RTS / Pin 8 CTS / Pin 9 RI	FIFO size	128 RX FIFO + 128 TX FIFO
Pin 1 ... Pin 5 / Pin 6 ... Pin 9	Operating Distance	EIA - RS232 Standard
	Cable	No Cable; Integrated Connector

Port Settings		
	Baud Rate	921,600
921,600	Data Bits	5,6,7 or 8
❯❯❯❯	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 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
RS232 Pinout (9 Pin Male)	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	400mA @ 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 3xRS232 1MBaud
		No Cable; Integrated Connector

Product Support		
	Warranty	Lifetime (online registration required)
LIFETIME SUPPORT LIFETIME WARRANTY	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 05 European Electronics Industry Awards WINNER Manufacturer of the Year Made in the UK	Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"

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