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AEO

PX-801

LP PCIe 1+1xRS232 POS 1A SATA

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

Description

Low profile PCI Express Card providing two powered RS232 serial ports. Board gives first serial port on the bracket, with a second serial port on a fly lead. 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. Up to 1 Amp selectable power provided through pins 1 and 9 to attached peripherals. The extra power necessary is supplied to the PCI express card directly from the PC power supply unit through a Serial ATA SATA power connector: a neat, clean and green solution. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows 2000, XP, Server 2003, Vista, Server 2008, Windows 7 and Windows 8.

Features

- 1+1 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
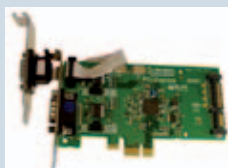- Lifetime Warranty (registration required)

Software

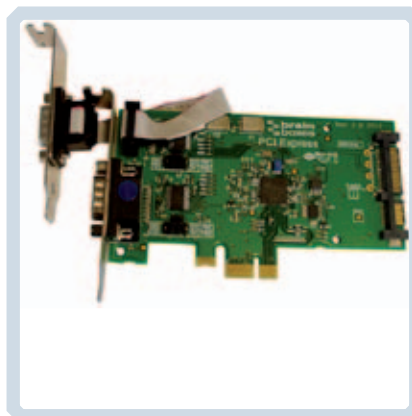Microsoft signed drivers (easy installation & robust operation) for:

- 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

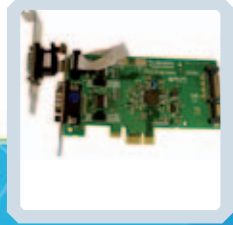PX-801:
LP PCIe 1+1xRS232 POS 1A SATA

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ORDER

Description	Code
LP PCIe 1+1xRS232 POS 1A SATA	PX-801

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LP PCIe 1+1xRS232 POS 1A SATA

PX-801: Full Specification

Port

Pin 1	DCD/12V/GND
Pin 2	RXD
Pin 3	TXD
Pin 4	DTR
Pin 5	GND
Pin 6	DSR
Pin 7	RTS
Pin 8	CTS
Pin 9	RI/12V/5V

Powered RS232 Pinout (9 Pin Male)
Pin 1   Pin 5
Pin 6   Pin 9

Ports	1+1 x RS232
Connector	DB9 Connector - 9 Pin Male
FIFO size	128 RX FIFO + 128 TX FIFO
Operating Distance	EIA - RS232 Standard
Cable	1 port RS232 on fly lead

Port Settings

921,600 baud

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	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
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 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	0.056 kg
Size	133l x 18w x 80h mm

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	LP PCIe 1+1xRS232 POS 1A SATA 1 port RS232 on fly lead

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

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