

PX-368

PCIe 4xRS422/485 1MBaud Opto Isolated

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

PCI Express card providing four Opto Isolated 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 and Windows 7.

PCI Express is the latest standard in PC connectivity.

With Brainboxes' industry renowned Lifetime Warranty and Lifetime Support!

Features

- 4 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)

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

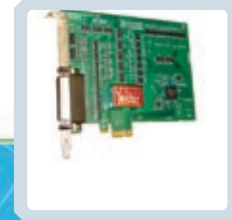


PX-368:
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ORDER

| Description | Code |
|---------------------------------------|--------|
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PX-368: Full Specification

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-------|------|-------|------|-------|------|-------|-----|-------|------|-------|------|-------|-----|-------|------|---|--|
| <p>Port</p> <table border="1"> <tr><td>Pin 1</td><td>TXD-</td></tr> <tr><td>Pin 2</td><td>TXD+</td></tr> <tr><td>Pin 3</td><td>RTS-</td></tr> <tr><td>Pin 4</td><td>RTS+</td></tr> <tr><td>Pin 5</td><td>GND</td></tr> <tr><td>Pin 6</td><td>RXD-</td></tr> <tr><td>Pin 7</td><td>RXD+</td></tr> <tr><td>Pin 8</td><td>CTS</td></tr> <tr><td>Pin 9</td><td>CTS+</td></tr> </table> | 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+ | <p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p> | <p>4 x RS422/485</p> <p>DB9 connector -- 9 Pin Male</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p> <p>4 port cable: 44 way D - 4x9 Pin</p> |
| 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+ | | | | | | | | | | | | | | | | | | | |
| <p>Port Settings</p> <p>921,600 baud</p> | <p>Baud Rate</p> <p>Data Bits</p> <p>Parity</p> <p>Stop Bits</p> <p>Flow Control</p> <p>Tx/Rx Modes</p> | <p>921,600</p> <p>5,6,7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1, 1.5 or 2</p> <p>RTS/CTS, XON/XOFF</p> <p>Full Duplex, Half Duplex Autogating - Hardware Autogating</p> | | | | | | | | | | | | | | | | | | |
| <p>Interface</p> | <p>OS Compatibility</p> <p>BUS</p> | <p>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 Windows XP 32 bit & 64 bit Editions</p> <p>PCI Express x1, x4, x8 & x16 lane slots</p> | | | | | | | | | | | | | | | | | | |
| <p>Approvals</p> | <p>Other Approvals</p> <p>Microsoft Approvals</p> | <p>Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA</p> <p>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</p> | | | | | | | | | | | | | | | | | | |
| <p>General</p> | <p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p> | <p>4</p> <p>400mA@3.3V, 140mA@12V</p> <p>0.108 kg Kg</p> <p>150(l) x 20(w) x 130(h) mm mm</p> | | | | | | | | | | | | | | | | | | |
| <p>Box Content</p> | <p>Packaging</p> <p>Card</p> | <p>Installation CD including manual, Microsoft signed drivers & utilities</p> <p>PCIe 4xRS422/485 1MBaud Opto Isolated</p> <p>4 port cable: 44 way D - 4x9 Pin</p> | | | | | | | | | | | | | | | | | | |
| <p>Product Support</p> | <p>Warranty</p> <p>Support</p> | <p>Lifetime (online registration required)</p> <p>Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team</p> | | | | | | | | | | | | | | | | | | |
| <p>Additional</p> | <p>OEM option</p> <p>Made In</p> <p>Customisable</p> | <p>Available for bulk buy OEM</p> <p>Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"</p> <p>Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com</p> | | | | | | | | | | | | | | | | | | |

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