

# DATENBLATT

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PX-812

PX-823

## **HABEN SIE FRAGEN ODER WÜNSCHEN SIE EIN INDIVIDUELLES ANGEBOT?**

Unser Team berät Sie gerne persönlich.

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## **ADRESSE**

Am Sonnenlicht 5

D-82239 Alling bei München

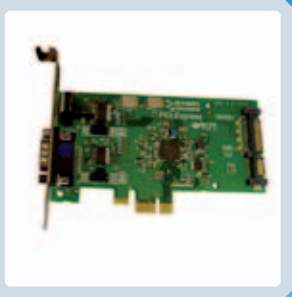


RoHS Compliant

PX-823/PX-812

PCIe 1xRS232 POS 1A IDE

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



## Features

- 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)

## Options



PX-812:  
LP PCIe 1xRS232 POS 1A  
IDE

PX-823:  
PCIe 1xRS232 POS 1A IDE



## Description

PCI Express Card providing one powered 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. 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 Parallel ATA PATA - or IDE 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.

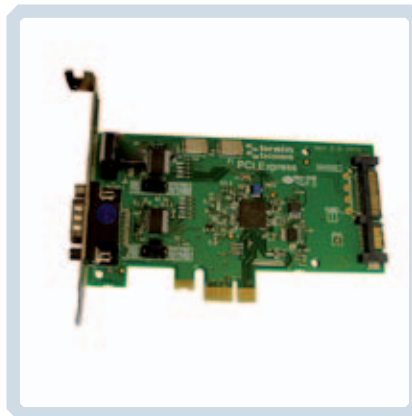
PCI Express is the latest standard in PC connectivity.

## 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.



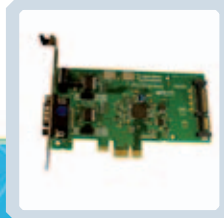
## ORDER

## Description

PCIe 1xRS232 POS 1A IDE  
LP PCIe 1xRS232 POS 1A IDE

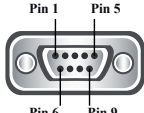
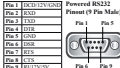
## Code

PX-823  
PX-812



# PCIe 1xRS232 POS 1A IDE

## PX-823/PX-812: Full Specification

|                                                                                                                                                                                                       |                                                                                                                            |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Port</b><br><br>                                                                                                  | <b>Ports</b><br><br><b>Connector</b><br><b>FIFO size</b><br><b>Operating Distance</b><br><b>Cable</b>                      | 1 x RS232<br><br>DB9 Connector - 9 Pin Male<br><br>128 RX FIFO + 128 TX FIFO<br><br>EIA - RS232 Standard<br><br>No Cable; Integrated Connector                                                                                                                                     |
| <b>Port Settings</b><br><br>                                                                                         | <b>Baud Rate</b><br><br><b>Data Bits</b><br><b>Parity</b><br><b>Stop Bits</b><br><b>Flow Control</b><br><b>Tx/Rx Modes</b> | 921,600<br><br>5,6,7 or 8<br><br>Odd, Even, None, Mark or Space<br><br>1, 1.5 or 2<br><br>RTS/CTS, DSR/DTR, XON/XOFF<br><br>Point to Point                                                                                                                                         |
| <b>Interface</b><br><br>                                                                                            | <b>OS Compatibility</b><br><br><br><br><br><br><br><br><br><b>BUS</b>                                                      | Microsoft Windows 8 32 bit 64 bit Editions<br>Microsoft Windows 7 32 bit 64 bit Editions<br>Windows Server 2008 32 bit 64 bit Editions<br>Windows Vista 32 bit 64 bit Editions<br>Windows Server 2003 32 bit 64 bit Editions<br><br>PCI Express x1, x4, x8 x16 lane slots          |
| <b>Approvals</b>                                                                                                                                                                                      | <b>Other Approvals</b><br><br><b>Microsoft Approvals</b>                                                                   | AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA<br><br>Windows 7 32 bit 64 bit Editions<br>Windows Server 2008 32 bit 64 bit editions<br>Windows Vista 32 bit 64 bit editions<br>Windows Server 2003 32 bit 64 bit editions<br>Windows XP 32 bit 64 bit editions |
| <b>General</b>                                                                                                                                                                                        | <b>PCB Layers</b><br><br><b>Power Consumption</b><br><b>Weight</b><br><b>Size</b>                                          | 4<br><br>400mA @ 3.3V<br><br>awaiting<br><br>awaiting                                                                                                                                                                                                                              |
| <b>Box Content</b>                                                                                                                                                                                    | <b>Packaging</b><br><br><b>Card</b>                                                                                        | Installation CD including manual, Microsoft signed drivers & utilities<br><br>PCIe 1xRS232 POS 1A IDE<br><br>No Cable; Integrated Connector                                                                                                                                        |
| <b>Product Support</b><br><br>  | <b>Warranty</b><br><br><b>Support</b>                                                                                      | Lifetime (online registration required)<br><br>Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team                                                                                                   |
| <b>Additional</b><br><br>        | <b>OEM option</b><br><br><b>Made In</b><br><br><b>Customisable</b>                                                         | Available for bulk buy OEM<br><br>Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"<br><br>Brainboxes operate a "Perfect Fit Custom Design" policy for volume users.                                                |