

**RoHS Compliant**

## PX-809

LP PCIe 1 + 1xRS232 POS 1A IDE

"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:

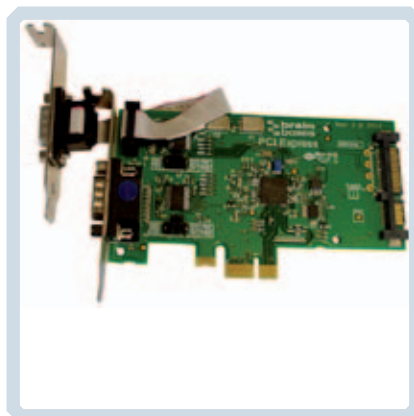
- Windows 7 32 bit 64 bit Editions
- Windows Server 2008 32 bit 64 bit Editions
- Windows Vista 32 bit 64 bit editions
- Windows Server 2003 32 bit 64 bit Editions

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



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LP PCIe 1 + 1xRS232 POS  
1A IDE



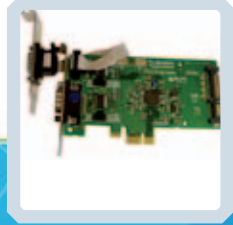
### ORDER

Description

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Code

PX-809



## LP PCIe 1 + 1xRS232 POS 1A IDE

### PX-809: Full Specification

<p><b>Port</b></p> <table border="1"> <tr><td>Pin 1</td><td>DCD/12V/GND</td></tr> <tr><td>Pin 2</td><td>RXD</td></tr> <tr><td>Pin 3</td><td>TXD</td></tr> <tr><td>Pin 4</td><td>DTR</td></tr> <tr><td>Pin 5</td><td>GND</td></tr> <tr><td>Pin 6</td><td>DSR</td></tr> <tr><td>Pin 7</td><td>RTS</td></tr> <tr><td>Pin 8</td><td>CTS</td></tr> <tr><td>Pin 9</td><td>RI/12V/5V</td></tr> </table> <p><b>Powered RS232 Pinout (9 Pin Male)</b></p>	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	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>1 + 1 x RS232</p> <p>DB9 Connector - 9 Pin Male</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>EIA - RS232 Standard</p> <p>1 port RS232 on fly lead</p>
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																			
<p><b>Port Settings</b></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, DTR/DSR</p> <p>Point to Point</p>																		
<p><b>Interface</b></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><b>Approvals</b></p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA</p> <p>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><b>General</b></p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>400mA @ 3.3V</p> <p>awaiting</p> <p>awaiting</p>																		
<p><b>Box Content</b></p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers &amp; utilities</p> <p>LP PCIe 1 + 1xRS232 POS 1A IDE</p> <p>1 port RS232 on fly lead</p>																		
<p><b>Product Support</b></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><b>Additional</b></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: <a href="mailto:sales@brainboxes.com">sales@brainboxes.com</a></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