

RoHS Compliant

PX-235 / PX-246

PCI EXPRESS 1 PORT VELOCITY RS232

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



#### Description

PCI Express Card providing one RS232 serial port. Up to 921,600 data transfer rates and the 256 byte deep transmit and 256 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop/PC.

PCI Express is the latest standard in PC connectivity. PX-246 - Standard profile version; PX-235 - Low Profile version.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

#### Features

- 1 Port RS232
- PCI Express x1, x4, x8 & x16 lane slots
- 256 Byte Tx and 256 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-235:  
PCI EXPRESS LOW  
PROFILE 1 PORT  
VELOCITY RS232

PX-246  
PCI EXPRESS 1 PORT  
VELOCITY RS232



#### Software

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

- Windows Server 2008 32 bit & 64 bit Editions
- Windows Vista 32 bit & 64 bit Editions
- Windows XP 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

PCI EXPRESS LOW PROFILE 1 PORT VELOCITY RS232  
PCI EXPRESS 1 PORT VELOCITY RS232

Code

PX-235  
PX-246

For 2 port see PX-257 and PX-203, \*Max baud rate is driver dependent



# PCI EXPRESS 1 PORT VELOCITY RS232

PX-235 / PX-246: Full Specification

<p><b>Port</b></p>	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>1 Port RS232</p> <p>DB9 connector (9 Pin Male)</p> <p>256 Tx, 256 Rx</p> <p>EIA - RS232 Standard</p>
<p><b>Port Settings</b></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>Up to 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, XON/XOFF</p> <p>Point to Point</p>
<p><b>Interface</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Windows Vista 32 bit and 64 bit Editions Windows Server 2008 32 bit and 64 bit Editions Windows Server 2003 32 bit and 64 bit Editions Windows XP 32 bit and 64 bit Editions Windows 2000</p> <p>PCI Express x1, x4, x8 &amp; x16 lane slots</p>
<p><b>Approvals</b></p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>FCC compliant EMC: CE RoHS WEEE</p> <p>Microsoft Certified Gold Partner Windows Vista 32 bit and 64 bit Windows Server 2003 Windows XP 32 bit &amp; 64 bit Windows Server 2008 32 bit and 64 bit</p>
<p><b>General</b></p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>380mA @ 3.3V</p> <p>0.051 kg</p> <p>110mm x 70mm x 15mm</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>PCI EXPRESS 1 PORT VELOCITY RS232</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: sales@brainboxes.com</p>

For 2 port see PX-257 and PX-203, \*Max baud rate is driver dependent