

RoHS Compliant



VX-001

EXPRESSCARD 1xRS232 1MBaud

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”



Description

ExpressCard providing one RS232 serial port. Up to 921,600 data transfer rates and the 128 byte deep transmit and 256 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop.

Low cost competitive range utilising USB technology. The most popular method of adding extra serial ports to your laptop.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 1 port RS232
- USB 2.0
- 128 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)

Software

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

- Microsoft Windows 7 32bit & 64bit Editions
- Windows Vista 32 bit and 64 bit editions
- Windows XP 32 bit & 64 bit editions

64^{Bit}
Driver

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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1MBaud



ORDER

Description
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Code
VX-001

* For 2 port RS232 see VX-012



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VX-001: Full Specification

<p>Port</p> <table border="1"> <tr><td>Pin 1</td><td>DCD</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</td></tr> </table> <p>RS232 Pinout (9 pin Male)</p>	Pin 1	DCD	Pin 2	RXD	Pin 3	TXD	Pin 4	DTR	Pin 5	GND	Pin 6	DSR	Pin 7	RTS	Pin 8	CTS	Pin 9	RI	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>1 x RS232</p> <p>DB9 connector (9 Pin Male)</p> <p>256 RX FIFO + 128 TX FIFO</p> <p>EIA - RS232 Standard</p> <p>No Cable; Integrated Connector</p>
Pin 1	DCD																			
Pin 2	RXD																			
Pin 3	TXD																			
Pin 4	DTR																			
Pin 5	GND																			
Pin 6	DSR																			
Pin 7	RTS																			
Pin 8	CTS																			
Pin 9	RI																			
<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>7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1 or 2</p> <p>RTS/CTS DSR/DTR XON/XOFF</p> <p>Point to Point</p>																		
<p>Interface</p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Microsoft Windows 7 32bit & 64bit Editions Windows Vista 32 bit & 64 bit Editions Windows XP 32 bit & 64 bit Editions</p> <p>USB 2.0 : 480 Mb/s USB 2.0 data rates</p>																		
<p>Approvals</p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>WEEE RoHS METL FCC Compliant</p> <p>Microsoft Certified Gold Partner Microsoft Windows 7 32bit & 64bit Editions Windows Vista 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>40mA @ 3.3V</p> <p>0.033 Kg</p> <p>105x20x35 mm</p>																		
<p>Box Content</p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers & utilities</p> <p>EXPRESSCARD 1xRS232 1MBaud</p> <p>No Cable; Integrated Connector</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>																		