

**RoHS Compliant**

**VX-023**

**EXPRESSCARD 1xRS422/485 1MBaud**

**"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"**



#### Description

ExpressCard providing one RS422/485 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 RS422/485
- 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)

#### Options



VX-023:  
EXPRESSCARD  
1xRS422/485 1MBaud

#### Software

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

- Windows Vista 32 bit and 64 bit editions
- Windows XP 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  
EXPRESSCARD 1xRS422/485 1MBaud

Code  
VX-023

\*For 2 port RS422/485 see VX-034



# EXPRESSCARD 1xRS422/485 1MBaud

## VX-023: 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 x RS422/485</p> <p>DB9 connector (9 Pin Male)</p> <p>256 RX FIFO + 128 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p> <p>No Cable; Integrated Connector</p>
<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>7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1 or 2</p> <p>RTS/CTS XON/XOFF</p> <p>Full Duplex, Half Duplex Autogating</p>
<p><b>Interface</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Windows Vista 32 bit &amp; 64 bit Editions Windows XP 32 bit &amp; 64 bit Editions</p> <p>USB 2.0 : 480 Mb/s USB 2.0 data rates</p>
<p><b>Approvals</b></p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>WEEE RoHS METL EMC: CE</p> <p>Microsoft Certified Gold Partner Windows Vista 32 bit &amp; 64 bit editions Windows XP 32 bit &amp; 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>80mA @ 3.3V</p> <p>0.032 Kg</p> <p>0x0x0 mm</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>EXPRESSCARD 1xRS422/485 1MBaud</p> <p>No Cable; Integrated Connector</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>

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