

RoHS Compliant



VX-034

ExpressCard 2 Port RS422/485

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

ExpressCard providing two RS422/485 serial ports. Up to 921,600 data transfer rates and the 128 byte deep transmit and 384 byte receive FIFOs, coupled with 1Mbit/s line drivers deliver uncompromising performance on your laptop PC.

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

- 2 Port RS422/485
- ExpressCard/34 socket size
- 128 Byte TX and 384 Byte Rx FIFO
- 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-034:
ExpressCard 2 Port
RS422/485

Software

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

- Windows Vista 32 bit & 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 all popular programming languages. For more OS support see the 2nd page.



ORDER

Description
ExpressCard 2 Port RS422/485

Code
VX-034

for 1 port RS422/485 see VX-023



ExpressCard 2 Port RS422/485

VX-034: Full Specification

<p>Port</p> <table border="1"> <tr><td>Pin 1</td><td>TXD-</td></tr> <tr><td>Pin 2</td><td>TXD+</td></tr> <tr><td>Pin 3</td><td>RTS-</td></tr> <tr><td>Pin 4</td><td>RTS+</td></tr> <tr><td>Pin 5</td><td>GND</td></tr> <tr><td>Pin 6</td><td>RXD-</td></tr> <tr><td>Pin 7</td><td>RXD+</td></tr> <tr><td>Pin 8</td><td>CTS-</td></tr> <tr><td>Pin 9</td><td>CTS+</td></tr> </table> <p>RS422/485 Pinout (9 pin)</p>	Pin 1	TXD-	Pin 2	TXD+	Pin 3	RTS-	Pin 4	RTS+	Pin 5	GND	Pin 6	RXD-	Pin 7	RXD+	Pin 8	CTS-	Pin 9	CTS+	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Signal Strength</p> <p>Operating Distance</p>	<p>2 Port RS422/485</p> <p>DB9 connector (9 Pin Male)</p> <p>128 Tx, 384 Rx</p> <p>RS422/485 Standard (+/- 5V open circuit)</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p>
Pin 1	TXD-																			
Pin 2	TXD+																			
Pin 3	RTS-																			
Pin 4	RTS+																			
Pin 5	GND																			
Pin 6	RXD-																			
Pin 7	RXD+																			
Pin 8	CTS-																			
Pin 9	CTS+																			
<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>Up to 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>Interface</p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Windows Vista 32 bit and 64 bit Editions Windows XP 32 bit and 64 bit Editions</p> <p>USB 2.0 (Virtual Com Port Creation)</p>																		
<p>Approvals</p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>EMC: CE RoHS WEEE</p> <p>Microsoft Certified Gold Partner Windows Vista 32 bit and 64 bit Windows XP 32 bit & 64 bit</p>																		
<p>General</p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>90 mA @ 3.3V</p> <p>0.032Kg</p> <p>34mm x 100mm x 19mm (not including cable connector)</p>																		
<p>Box Content</p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers & utilities</p> <p>ExpressCard 2 Port RS422/485</p> <p>2 Port Cable: DB9 connector (9 Pin Male)</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>																		

for 1 port RS422/485 see VX-023