

**RoHS Compliant**



# US-257

## USB 2xRS232 1Mbaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



### Description

USB to Serial providing two RS232 serial ports. Up to 921,600 data transfer rates and the 128 byte transmit and 384 byte receive FIFOs, coupled with 1Mbit line drivers deliver uncompromising performance on your laptop/PC.

USB to serial is the quick low cost way to connect your computer to a serial comms enabled device. Boost software gives industry leading functionality and compatibility.

These products do away with traditional issues with USB technology so you can buy with confidence!

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

### Features

- 2 port RS232
- USB
- 128 Byte Tx and 384 Byte Rx FIFOs
- Up to 921,600 Baud
- 2xDB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)
- Supplied with USB cable
- Side hinges to allow DIN Rail mounting

### Options



MK-048:  
DIN-Rail Mounting Kit for  
1&2 Port ES/US

### Software

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

- Windows 7 32 bit and 64 bit editions
- 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

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### US-257: Full Specification

<p><b>Port</b></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>2 x RS232</p> <p>2xDB9 connector (9 Pin Male)</p> <p>384 RX FIFO + 128 TX FIFO</p> <p>EIA - RS232 Standard</p> <p>USB Cable</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><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, DTR/DSR, XON/XOFF</p> <p>Point to Point</p>																		
<p><b>Interface</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>Windows 7 32 bit &amp; 64 bit Editions          Windows Vista 32 bit &amp; 64 bit Editions          Windows XP 32 bit &amp; 64 bit Editions</p> <p>USB :</p>																		
<p><b>Approvals</b></p>	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>WEEE RoHS EMC: CE Microsoft Certified Gold Partner</p> <p>Microsoft Certified Gold Partner          Windows 7 32 bit &amp; 64 bit editions          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>awaiting</p> <p>0.385 Kg</p> <p>100 x 105 x 26 mm</p>																		
<p><b>Box Content</b></p>	<p>Packaging</p> <p>Device</p>	<p>Installation CD (including manual, Microsoft signed drivers &amp; utilities)</p> <p>USB 2xRS232 1Mbaud</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>																		