

Product Datasheet - Technical Specifications



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US-101

USB 1 Port RS232 1MBaud

“SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS”

Features

- 1 x RS232
- USB 2.0
- 128 Byte TX and 256 Byte RX FIFOs
- Up to 921,600 Baud
- DB9 Connector - 9 Pin Male
- Includes 0.25mm USB Extender cable
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

Product



US-101:
USB 1 Port RS232
1MBaud



Description

USB to Serial adapter providing one RS232 serial port. Data transfer rates up to 921,600 baud rates and the 128 byte deep transmit and 256 byte receive FIFOs, coupled with 1Mbit line drivers deliver uncompromising performance on your laptop/PC. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows XP, Server 2003, Vista, Server 2008, Windows 7 and Windows 8 with additional drivers for Raspberry Pi, Mac OS X and Linux.

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!

Software

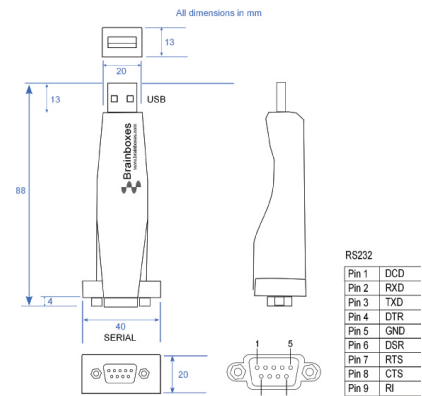
Microsoft signed drivers (easy installation & robust operation) for:

- Windows 8 32 bit 64 bit Editions
- Windows 7 32 bit 64 bit Editions
- 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 many popular programming languages. Further OS support on next page.

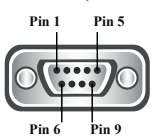
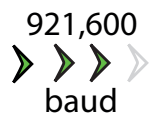


ORDER
Description
USB 1 Port RS232 1MBaud

Code
US-101



US-101 - USB 1 Port RS232 1MBaud

US-101: Full Specification

Port	Ports	1 x RS232																		
<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> 	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	Connector	DB9 Connector - 9 Pin Male
	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																			
FIFO Size	256 Rx FIFO + 128 Tx FIFO																			
Operating Distance	EIA - RS232 Standard																			
Cable	USB extender cable 0.25 metre 1ft																			
Port Settings	Baud Rate	921,600																		
	Data Bits	7 or 8																		
	Parity	Odd, Even, None, Mark or Space																		
	Stop Bits	1 or 2																		
	Flow Control																			
	Tx/Rx Modes	Point to Point																		
	Interface	OS Compatibility	Microsoft Windows 8 32 bit 64 bit Editions Raspberry Pi Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions																	
	BUS	USB 2.0																		
	Approvals	Other Approvals	AEO C-TPAT C-Tick Microsoft Certified Gold Partner WEEE RoHS METL UL																	
		Microsoft Approvals	Windows 7 32 bit 64 bit Editions Windows Vista 32 bit 64 bit editions Windows XP 32 bit 64 bit editions																	
		General	PCB Layers	4																
			Power Consumption	40mA @ 5V																
Product Weight	0.023 kg																			
Product Size	89l x 35w x 20h mm																			
Box Content	Packaging	Cable, Installation CD (inc manual, Microsoft signed drivers & Utilities)																		
	Device	USB 1 Port RS232 1MBaud USB extender cable 0.25 metre 1ft																		
Product Support	Warranty	Lifetime (online registration required)																		
	Support	Lifetime Web, Email & Phone Support from fully qualified, friendly staff who work in and alongside our Product Development Team																		
Additional	OEM Option	Available for bulk buy OEM																		
	Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"																		
	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users.																		