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25th 1984~2009 Anniversary

nqa. ISO 9001 Registered

nqa. ISO 14001 Registered

Microsoft GOLD CERTIFIED Partner

NEW

RoHS Compliant



US-842

USB 8xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Features

- 8 port RS422/485
- USB
- 128 Byte Tx and 384 Byte Rx FIFOs
- Up to 921,600 Baud
- 8xDB9 connector (9 Pin Male) Industrial high retention USB connector
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

Options



US-842:
USB 8xRS422/485
1MBaud

Description

USB to Serial providing 8 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 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!

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

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.



LIFETIME SUPPORT

LIFETIME WARRANTY

CERTIFIED FOR Windows Vista

Designed for Microsoft Windows XP

Windows 7

CE

RoHS

Microsoft GOLD CERTIFIED Partner

ORDER

Description	Code
USB 8xRS422/485 1MBaud	US-842
USB Cable & Power Supply	

US-842



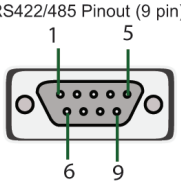
USB 8xRS422/485 1MBaud

US-842: Full Specification

Port	Ports	8 x RS422/485
	Connector	8xDB9 connector (9 Pin Male)
	FIFO size	384 RX FIFO + 128 TX FIFO
	Operating Distance	RS422/485 Standard (4000 ft : 1200 metres)
	Cable	USB Cable (Powered via industrial locking connector with 5V 3A power adaptor - supplied)
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	RTS/CTS, DTR/DSR, XON/XOFF
	Tx/Rx Modes	Point to Point
Interface	OS Compatibility	Microsoft Windows 7 32bit & 64bit Editions Windows Vista 32 bit & 64 bit Editions Windows XP 32 bit & 64 bit Editions
	BUS	USB :
Approvals	Other Approvals	WEEE RoHS EMC: CE Microsoft Certified Gold Partner
	Microsoft Approvals	Microsoft Certified Gold Partner
General	PCB Layers	4
	Power Consumption	1mA@5V
	Weight	0.819 Kg
	Size	215x55x122 mm
Box Content	Packaging	Installation CD (including manual, Microsoft signed drivers & utilities
	Card	USB 8xRS422/485 1MBaud
Product Support	Warranty	Lifetime (online registration required)
	Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the 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. More Info: sales@brainboxes.com

Pin	
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+

RS422/485 Pinout (9 pin)



921,600 baud

Elektra O5 European Electronics Industry Awards WINNER Manufacturer of the Year

Made in the UK

Datasheet Version: 4.38 Published on: 2009/12/18