brainboxes

www.brainboxes.com

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Microsoft GOLD CERTIFIED Partner

NEW

RoHS Compliant

US-346

USB 4xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

USB 2 SERIAL

Description

USB to Serial providing four 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

64Bit 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.

Features

- 4 port RS422/485
- USB
- 128 Byte Tx and 384 Byte Rx FIFOs
- Up to 921,600 Baud
- 4xDB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)
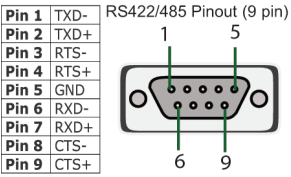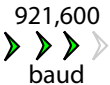
Options

US-346:
USB 4xRS422/485
1MBaud

LIFETIME SUPPORT

LIFETIME WARRANTY

CERTIFIED FOR Windows Vista®

Designed for Microsoft® Windows®XP

Windows®7

CE

RoHS 2002/95/EC

Microsoft GOLD CERTIFIED Partner

ORDER
Description	Code
USB 4xRS422/485 1MBaud USB Cable & Power Supply	US-346

+44(0) 151 220 2500 | sales@brainboxes.com | www.brainboxes.com

USB 4xRS422/485 1MBaud

US-346: Full Specification

Port

RS422/485 Pinout (9 pin)

Pin	Signal
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+

Ports	4 x RS422/485
Connector	4xDB9 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

921,600
baud

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, XON/XOFF
Tx/Rx Modes	Full Duplex, Half Duplex Autogating

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

RoHS 2002/95/EC

CE

Other Approvals	WEEE RoHS EMC: CE Microsoft Certified Gold Partner
Microsoft Approvals	Microsoft Certified Gold Partner

General

PCB Layers	4
Power Consumption	500mA
Weight	0.650 Kg
Size	215x32x120 mm

Box Content

Packaging	Installation CD (including manual, Microsoft signed drivers & utilities
Card	USB 4xRS422/485 1MBaud

Product Support

LIFETIME SUPPORT

LIFETIME WARRANTY

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

Elektra O5
European Electronics Industry Awards
WINNER
Manufacturer of the Year

Made in the UK

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