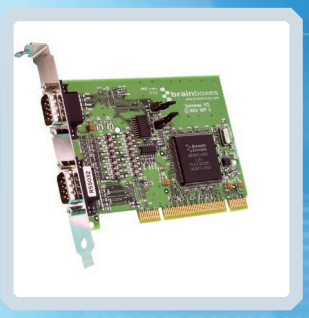
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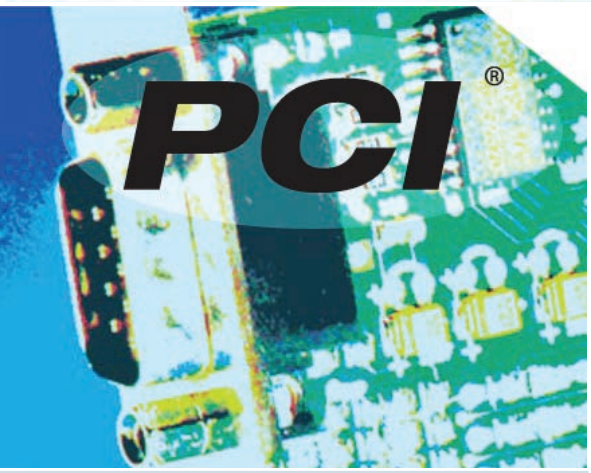
RoHS Compliant



UC-313

uPCI 2xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

Universal PCI providing two RS422/485 serial ports with transient spike protection. Data transfer rates up to 921,600 baud rates and the 128 byte deep transmit and 128 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC.Includes drivers for all Windows 32 bit and 64 bit Operating Systems, including Windows 7.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 2 port RS422/485
- PCI 3.0
- 128 Byte Tx and 128 Byte Rx FIFOs
- 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)

Software

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

- Windows 7 32 bit 64 bit Editions
- Windows Server 2008 32 bit 64 bit Editions
- Windows Vista 32 bit 64 bit editions
- Windows Server 2003 32 bit 64 bit Editions

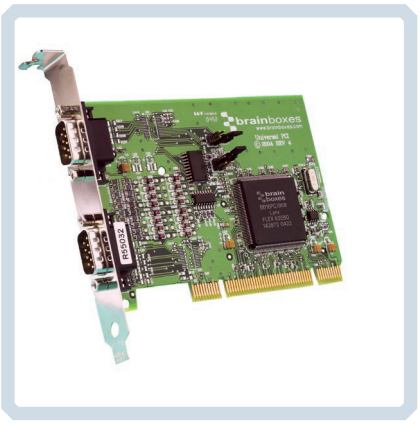
64 Bit Driver

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.

Options



UC-313:
uPCI 2xRS422/485
1MBaud



LIFETIME SUPPORT | LIFETIME WARRANTY

ORDER

Description	Code
uPCI 2xRS422/485 1MBaud	UC-313



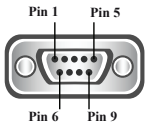
uPCI 2xRS422/485 1MBaud

UC-313Full Specification

Port	Ports	2 x RS422/485
	Connector	DB9 Connector - 9 Pin Male
	FIFO size	128 RX FIFO + 128 TX FIFO
	Operating Distance	RS422/485 Standard 4000 ft : 1200 metres
	Cable	No Cable; Integrated Connector
Port Settings	Baud Rate	921,600
	Data Bits	5,6,7 or 8
	Parity	Odd, Even, None, Mark or Space
	Stop Bits	1, 1.5 or 2
	Flow Control	
	Tx/Rx Modes	Full Duplex, Half Duplex Autogating, Hardware Autogating, TxD always/ RTS true enabled, RxD always enabled, RxD RTStrue disabled, CTS forced true
Interface	OS Compatibility	Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows XP 32 bit 64 bit Editions Microsoft Windows 2000 Microsoft Windows 98
	BUS	PCI : Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.
Approvals	Industry Approvals	AEO C-TPAT C-Tick Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
	Microsoft Approvals	Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Vista 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions
General	PCB Layers	4
	Power Consumption	190mA @ 5V, 12mA @ 12V
	Weight	0.08 kg
	Size	135l x 18w x 120h mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	uPCI 2xRS422/485 1MBaud No Cable; Integrated Connector
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

RS422/485 Pinout (9 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+



921,600 baud

Elektra O5 European Electronics Industry Awards WINNER Manufacturer of the Year

Made in the UK