









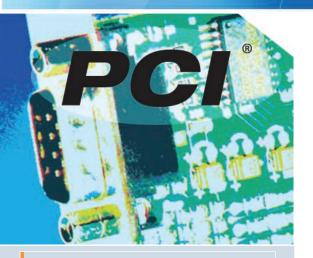
RoHS Compliant



UC-310

uPCI 2xRS422/485 1MBaud Opto Isolated

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



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)

Options



UC-310: uPCI 2xRS422/485 1MBaud Opto Isolated

Description

Universal PCI providing two Opto Isolated 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!

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 Server 2003 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

uPCI 2xRS422/485 1MBaud Opto Isolated

Code UC-310



uPCI 2xRS422/485 1MBaud Opto Isolated

UC-310Full Specification

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Port	Ports	2 x RS422/485
Pin 1 TXD- RS422/485 Pinout (9 Pin)	Connector	DB9 Connector - 9 Pin Male
Pin 2 TXD+ Pin 3 RTS- Pin 4 RTS+	FIFO size	128 RX FIFO + 128 TX FIFO
Pin 4 R1S+ Pin 5 GND Pin 6 RXD-	Operating Distance	RS422/485 Standard 4000 ft : 1200 metres
Pin 7 RXD+ Pin 8 CTS Pin 9 CTS+	Cable	No Cable; Integrated Connector
Port Settings	Baud Rate	921,600
921,600	Data Bits	5,6,7 or 8
>>> >	Parity	Odd, Even, None, Mark or Space
baud	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
PCI °		Windows XP 32 bit 64 bit Editions
		Microsoft Windows 2000 DOS
	BUS	PCI : Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI
		slots.
Approvals	Industry Approvals	AEO C-TPAT 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	550mA @ 5V
	Weight	0.089 kg
	Size	135l x 18w x 120h mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	uPCI 2xRS422/485 1MBaud Opto Isolated
		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
Elektra O5	Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
WINNER Manufacturer of the Year Made in the UK	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users.