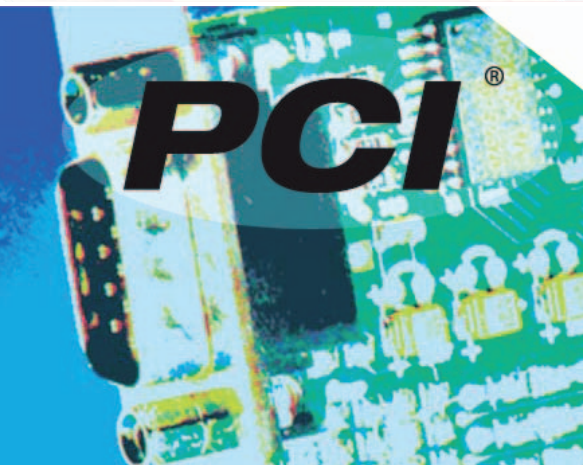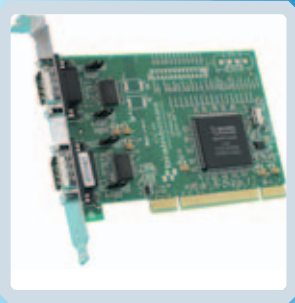# brainboxes
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RoHS Compliant

UP-869/UP-880

uPCI 2xRS232 POS 0.5A

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

Description

Universal PCI providing two Powered RS232 serial ports. Data transfer rates up to 115,200 baud rates and the 128 byte deep transmit and 128 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance for your electronic point of sale ePOS device. The power supplied on the RS232 port is selectable. Ground or 12V can be selected on pin 1 of each port and also 12V or 5V can be selected on pin 9 of each port. Powered Universal PCI cards are ideal for connecting and powering peripherals such as bar code readers, printers, card readers, display units and other Point Of Sale devices. Maximum power output is 0.5 Amps.Includes drivers for all Windows 32 bit and 64 bit Operating Systems, including Windows 7.

Features

- 2 port RS232
-
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 115,200 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
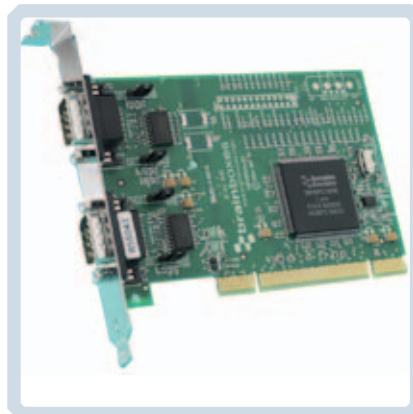- Windows Server 2003 32 bit 64 bit Editions

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

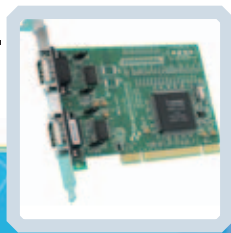UP-869:
uPCI 2xRS232 POS 0.5A

UP-880
uPCI 2xRS232 POS 1A

ORDER

Description	Code
uPCI 2xRS232 POS 0.5A	UP-869
uPCI 2xRS232 POS 1A	UP-880

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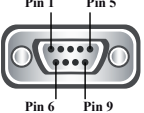
uPCI 2xRS232 POS 0.5A

UP-869/UP-880 Full Specification

Port		
	Ports	2 x RS232
	Connector	DB9 Connector - 9 Pin Male
	FIFO size	128 RX FIFO + 128 TX FIFO
	Operating Distance	EIA - RS232 Standard
	Cable	No Cable; Integrated Connector

Powered RS232 Pinout (9 Pin Male)

Pin 1	DCD/12V/GND
Pin 2	RXD
Pin 3	TXD
Pin 4	DTR
Pin 5	GND
Pin 6	DSR
Pin 7	RTS
Pin 8	CTS
Pin 9	RI/12V/5V

Pin 1   Pin 5
Pin 6   Pin 9

Port Settings		
	Baud Rate	115,200
	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	Point to Point

115,200 baud

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 Powered :

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

General		
	PCB Layers	4
	Power Consumption	190mA @ 5V
	Weight	0.085 kg
	Size	134l x 18w x 120h mm

Box Content		
	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	uPCI 2xRS232 POS 0.5A
		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

Elektra O5 European Electronics Industry Awards **WINNER** Manufacturer of the Year

Made in the UK

Other PCI Cards: 1 Port RS232 | 2 Port RS232 | 4 Port RS232 | 8 Port RS232 | 1 Port RS422/485 | 2 Port RS422/485 | 4 Port RS422/485
Other Brainboxes Ranges: PCI Express | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial

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