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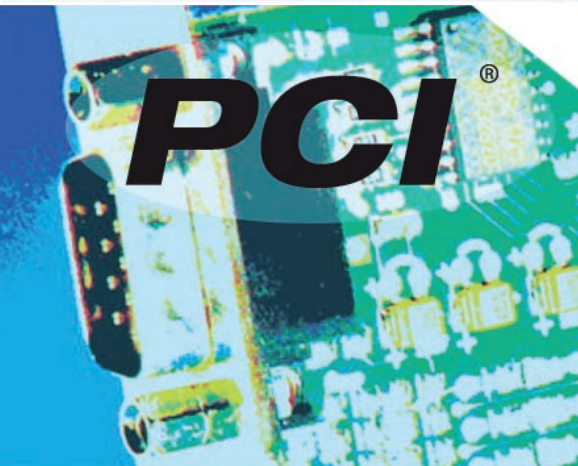
Microsoft
GOLD CERTIFIED
Partner

RoHS Compliant

UC-420/UC-431

uPCI 3+1xRS232

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

Description

Universal PCI providing four RS232 serial ports. Up to 115,200 data transfer rates and the 64 byte deep transmit and 64 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC.

Universal PCI is fully compatible with both 3.3Volt and 5Volt PCI slots.

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 3+1 port RS232
- PCI 3.0
- 64 Byte Tx and 64 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 Server 2008 32 bit & 64 bit Editions
- Windows Server 2008 & Windows 2000
- Windows Vista 32 bit and 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-420:
uPCI 3+1xRS232

UC-431
uPCI 3xRS232

LIFETIME SUPPORT

LIFETIME WARRANTY

Designed for Microsoft® Windows® Server 2003

CERTIFIED FOR Windows Server® 2008

CERTIFIED FOR Windows Vista®

Designed for Microsoft® Windows® XP

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ORDER

Description	Code
uPCI 3+1xRS232	UC-420
uPCI 3xRS232	UC-431

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uPCI 3+1xRS232

UC-420/UC-431: Full Specification

Port

RS232 Pinout (9 pin Male)	
Pin 1	DCD
Pin 2	RXD
Pin 3	TXD
Pin 4	DTR
Pin 5	GND
Pin 6	DSR
Pin 7	RTS
Pin 8	CTS
Pin 9	RI

Ports	3+1 x RS232
Connector	DB9 connector (9 Pin Male)
FIFO size	64 RX FIFO + 64 TX FIFO
Operating Distance	EIA - RS232 Standard
Cable	1 PORT RS232 on fly lead

Port Settings

115,200 baud

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	RTS/CTS DSR/DTR XON/XOFF
Tx/Rx Modes	Point to Point

Interface

PCI ®

OS Compatibility	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
BUS	PCI 3.0 : Peripheral Component Interface

Approvals

Other Approvals	WEEE IEEC CB Scheme METL EMC: CE
Microsoft Approvals	Microsoft Certified Gold Partner 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	210mA @ 5V, 60mA @ 12V
Weight	0.088 Kg
Size	130x20x120 mm

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	uPCI 3+1xRS232 / uPCI 3xRS232
	1 PORT RS232 on fly lead

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