brainboxes
www.brainboxes.com

EST 1984 | nqa. ISO 9001 Registered | Elektra O5 European Electronics Industry Awards WINNER Manufacturer of the Year | Microsoft GOLD CERTIFIED Partner

NEW

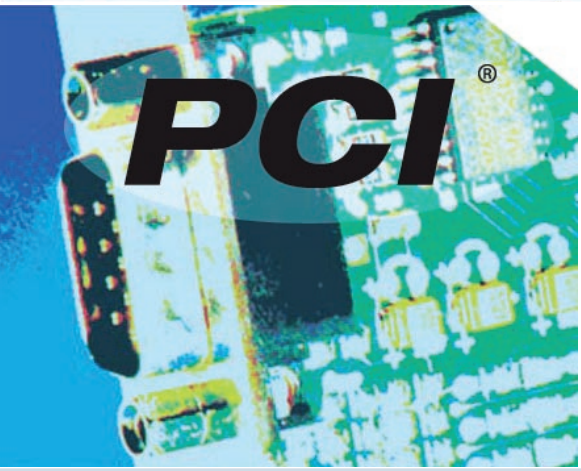
RoHS Compliant



UC-420 / UC-431

UNIVERSAL 3+1 PORT RS232

"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 laptop PC.

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

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

Features

- 4 Port RS232
- Universal PCI
- 64 Byte TX and 64 Byte Rx FIFO
- 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 Vista 32 bit & 64 bit Editions
- Windows XP 32 bit & 64 bit Editions
- Windows Server 2003 & Windows Server 2008
- Windows 2000

64 Bit Drivers

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for all popular programming languages. For more OS support see the 2nd page.



LIFETIME SUPPORT | LIFETIME WARRANTY

CERTIFIED FOR Windows Server 2008 | Designed for Microsoft Windows XP | Designed for Microsoft Windows Server 2003

MET | IECEE CB SCHEME | VCI | FC

Options



UC-420:
UNIVERSAL 3+1 PORT RS232

UC-431:
UNIVERSAL 3 PORT RS232



ORDER

Description	Code
UNIVERSAL 3+1 PORT RS232	UC-420
UNIVERSAL 3 PORT RS232	UC-431

brainboxes
www.brainboxes.com

EST 1984

nqa. ISO 9001 Registered

UC-420
UC-431



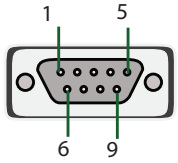
UNIVERSAL 3+1 PORT RS232

UC-420 / UC-431: Full Specification

Port

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

RS232 Pinout (9 pin Male)



Ports	4 Port RS232
Connector	DB9 connector (9 Pin Male)
FIFO size	64 Tx, 64 Rx
Signal Strength	EIA - RS232 Standard (+/- 12V open circuit)
Operating Distance	EIA - RS232 Standard

Port Settings

115,200 baud

Baud Rate	Up to 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 Vista 32 bit and 64 bit Editions Windows Server 2008 Windows Server 2003 32 bit and 64 bit Editions Windows XP 32 bit and 64 bit Editions Windows 2000
BUS	PCI 3.0

Approvals

IECEE CB SCHEME, MET us, VCCI

Other Approvals	IEEC CB Scheme METL VCCI WEEE FCC compliant
Microsoft Approvals	Microsoft Certified Gold Partner Windows XP 32 bit & 64 bit Windows Server 2003 Windows Server 2008

General

PCB Layers	4
Power Consumption	210mA @ 5V, 60mA @ 12V
Weight	0.150Kg
Size	65 x 120 mm

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	UNIVERSAL 3+1 PORT RS232 1 Port on Fly lead (UC-420)

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 05 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