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25th 1984~2009 Anniversary

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nqa. ISO 9001 Registered

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Microsoft GOLD CERTIFIED Partner

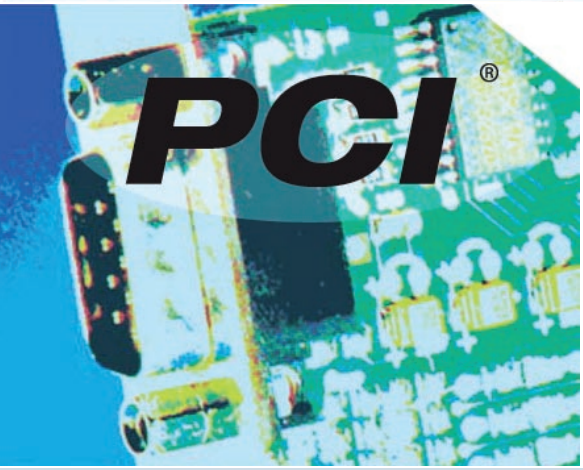
RoHS Compliant



UC-357

uPCI 1xRS232 + 1xRS422/485 1MBaud

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

Universal PCI providing one RS232 port and one RS422/485 serial port. Up to 921,600 data transfer rates and the 128 byte deep transmit and 128 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

- 2 port RS232 + 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 Server 2008 & Windows 2000
- Windows Vista 32 bit and 64 bit editions
- Windows Server 2003 32 bit & 64 bit Editions
- Windows XP 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.



LIFETIME SUPPORT

LIFETIME WARRANTY

Designed for Microsoft® Windows® Server 2003

CERTIFIED FOR Windows Server® 2008

CERTIFIED FOR Windows Vista®

Designed for Microsoft® Windows® XP

CE

RoHS

Options



UC-357:
uPCI 1xRS232 +
1xRS422/485 1MBaud

ORDER

Description	Code
uPCI 1xRS232 + 1xRS422/485 1MBaud	UC-357

UC-357



uPCI 1xRS232 + 1xRS422/485 1MBaud

UC-357: Full Specification

Port

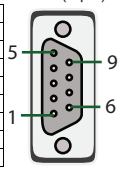
RS422/485

Pin 1	TXD-
Pin	TXD
Pin	T -
Pin	T
Pin	D
Pin	XD-
Pin	XD
Pin	T -
Pin	T

RS232

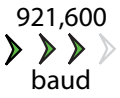
Pin 1	D D
Pin	XD
Pin	TXD
Pin	DT
Pin	D
Pin	D
Pin	T
Pin	T
Pin	

Pinout (9 pin)



Ports	2 x RS232 + 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) or EIA - RS232 Standard
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	RTS/CTS DSR/DTR XON/XOFF
Tx/Rx Modes	Point to Point (RS232), Full Duplex, Half Duplex Autogating, Hardware Autogating, TxD always / RTS true enabled, RxD always enabled, RxD RTS true disabled, CTS forced true (RS422/485)

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

RoHS CE

Other Approvals	WEEE RoHS 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	550mA @ 5V
Weight	0.08 Kg
Size	0x0x0 mm

Box Content

Packaging	Installation CD including manual, Microsoft signed drivers & utilities
Card	uPCI 1xRS232 + 1xRS422/485 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

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