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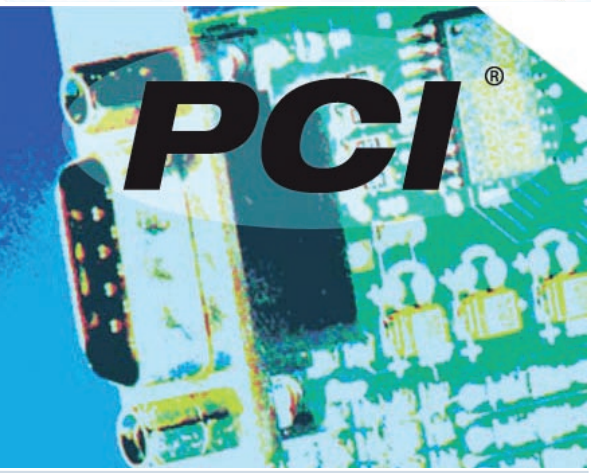
Microsoft GOLD CERTIFIED Partner

RoHS Compliant

CC-313

PCI DUAL VELOCITY RS422/485

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Features

- 2 port RS422/485
- PCI 2.3
- 64 Byte Tx and 64 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

CC-313:
PCI DUAL VELOCITY
RS422/485

Description

On-board zener diodes giving transient spike protection to the inputs, making this card ideal for factory automation installations. The megabaud data transfer rates and the 64 byte deep FIFO, coupled with the RS485 Half Duplex Autogating guarantees uncompromising performance and fault-free use. The PCI RS422/485 Velocity card uses the 16750 UART, two generations beyond the industry standard 16550. The UART clock can be set through software to provide maximum baud rates of either 921,600 baud, 460,800 baud, 230,400 baud, or 115,200 baud (standard PC). Serial Solutions Device Driver CD contains software for Windows 7, Server 2008, Vista, Server 2003, XP, 2000, Millennium, 98, 95, NT4, Windows 3.x, DOS and OS/2. Informative manuals and sample programs are supplied with full source code on CD!

Software

Microsoft signed drivers (easy installation & robust operation) for:

- 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

Microsoft

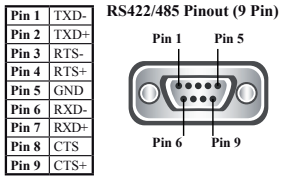
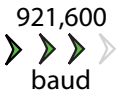
TAA Compliant

ORDER

Description	Code
PCI DUAL VELOCITY RS422/485	CC-313

PCI DUAL VELOCITY RS422/485

CC-313Full Specification

Port	Ports	2 x RS422/485
	Connector	Connector DB9 -- 9 Pin Male
	FIFO size	64 RX FIFO + 64 TX FIFO
	Operating Distance	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 or 2
	Flow Control	
	Tx/Rx Modes	Full Duplex, Half Duplex Autogating - Hardware Autogating
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 ME Microsoft Windows 2000
PCI	BUS	PCI CC Range : Brainboxes range of PCI cards support 5V PCI slots and have been superceded by Brainboxes uPCI (universal Peripheral Component Interconnect) range. For every card in the CC range there is a matching card in the UC and PX range. If you still have a required for Brainboxes CC cards please get in touch.
Approvals	Industry Approvals	Microsoft Certified Gold Partner TAA
	Microsoft Approvals	
General	PCB Layers	4
	Power Consumption	550mA @ 5V
	Weight	0.09 kgKg
	Size	awaiting mm
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	PCI DUAL VELOCITY RS422/485 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 05 European Electronics Industry Awards WINNER	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