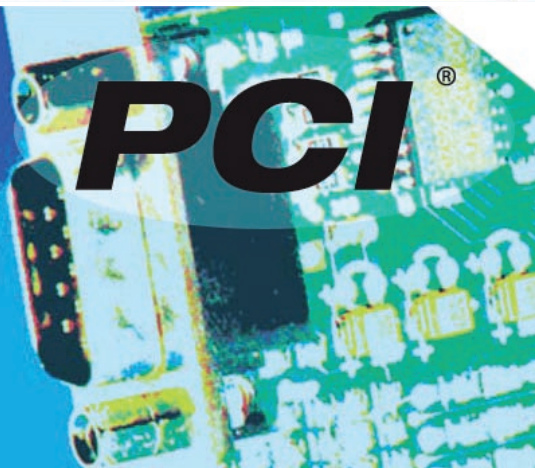
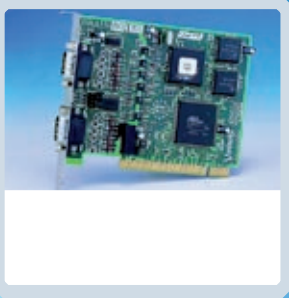


RoHS Compliant

CC-310

PCI 2x OPTO RS422/485

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



Description

Universal PCI providing two Opto Isolated RS422/485 serial ports with transient spike protection. 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. Optical isolation provides greater protection from electrical current surges to both the card itself and the PC. It improves noise immunity by isolating the PC from the card's transmit ground.

Brainboxes range of PCI cards support 5V PCI slots and have been superseded by Brainboxes uPCI (universal Peripheral Component Interconnect) range.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

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-310:
PCI 2x OPTO RS422/485

Software

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

-
-
-
-



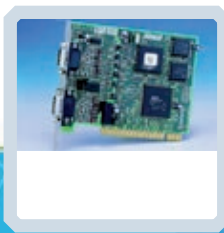
As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



ORDER

Description
PCI 2x OPTO RS422/485

Code
CC-310



PCI 2x OPTO RS422/485

CC-310 Full Specification

<p>Port</p> <table border="1"> <thead> <tr> <th>Pin</th> <th>Signal</th> </tr> </thead> <tbody> <tr><td>Pin 1</td><td>TXD-</td></tr> <tr><td>Pin 2</td><td>TXD+</td></tr> <tr><td>Pin 3</td><td>RTS-</td></tr> <tr><td>Pin 4</td><td>RTS+</td></tr> <tr><td>Pin 5</td><td>GND</td></tr> <tr><td>Pin 6</td><td>RXD-</td></tr> <tr><td>Pin 7</td><td>RXD+</td></tr> <tr><td>Pin 8</td><td>CTS</td></tr> <tr><td>Pin 9</td><td>CTS+</td></tr> </tbody> </table> <p>RS422/485 Pinout (9 Pin)</p>	Pin	Signal	Pin 1	TXD-	Pin 2	TXD+	Pin 3	RTS-	Pin 4	RTS+	Pin 5	GND	Pin 6	RXD-	Pin 7	RXD+	Pin 8	CTS	Pin 9	CTS+	<p>Ports</p> <p>Connector</p> <p>FIFO size</p> <p>Operating Distance</p> <p>Cable</p>	<p>2 x RS422/485</p> <p>Connector DB9 -- 9 Pin Male</p> <p>64 RX FIFO + 64 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p> <p>No Cable; Integrated Connector</p>
Pin	Signal																					
Pin 1	TXD-																					
Pin 2	TXD+																					
Pin 3	RTS-																					
Pin 4	RTS+																					
Pin 5	GND																					
Pin 6	RXD-																					
Pin 7	RXD+																					
Pin 8	CTS																					
Pin 9	CTS+																					
<p>Port Settings</p> <p>921,600 baud</p>	<p>Baud Rate</p> <p>Data Bits</p> <p>Parity</p> <p>Stop Bits</p> <p>Flow Control</p> <p>Tx/Rx Modes</p>	<p>921,600</p> <p>5,6,7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1 or 2</p> <p>Full Duplex, Half Duplex Autogating, Hardware Autogating, TxD always/ RTS true enabled, RxD always enabled, RxD RTStrue disabled, CTS forced true</p>																				
<p>Interface</p>	<p>OS Compatibility</p> <p>BUS</p>	<p>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</p> <p>PCI CC Range : Brainboxes range of PCI cards support 5V PCI slots and have been superseded 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.</p>																				
<p>Approvals</p>	<p>Industry Approvals</p> <p>Microsoft Approvals</p>	<p>Microsoft Certified Gold Partner TAA</p>																				
<p>General</p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>awaiting</p> <p>0.096 kgKg</p> <p>awaiting mm</p>																				
<p>Box Content</p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers & utilities</p> <p>PCI 2x OPTO RS422/485</p> <p>No Cable; Integrated Connector</p>																				
<p>Product Support</p>	<p>Warranty</p> <p>Support</p>	<p>Lifetime (online registration required)</p> <p>Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team</p>																				
<p>Additional</p>	<p>OEM option</p>	<p>Available for bulk buy OEM</p>																				

Other Brainboxes Ranges: PCI Express | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial