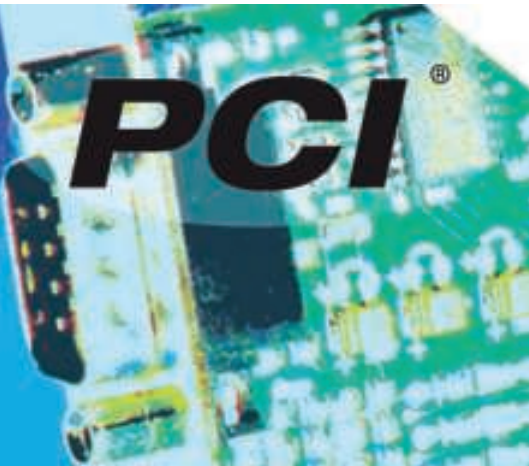


**RoHS Compliant**

**CC-525/ CC-530**

**PCI 2xRS422/485 18MBaud**

**"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"**



**Description**

This PCI card can run at an amazing speed of up to 18,000,000 baud. It provides 2 industry standard RS422/485 serial ports for PC compatibles in a single PCI slot. The card has on-board zener diodes giving transient spike protection to the inputs - making it ideal for factory automation installations.

Stunning ULTRA 15 or 18 megabaud data transfer rates!! And 128 byte deep FIFO guarantees uncompromising performance and faultfree use.

With Brainboxes industry renowned Lifetime Warranty and 3 year Support!

**Features**

- 2 port RS422/485
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 15,000,000 (CC-530) / 18,000,000 (CC-525) Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

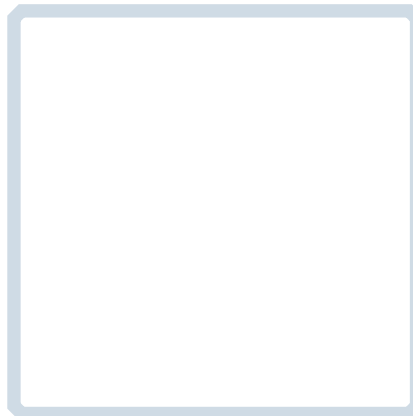
**Software**

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

- Windows Server 2003 32 bit & 64 bit Editions
- Windows XP 32 bit & 64 bit editions
- Windows 2000



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**

CC-525:  
PCI 2xRS422/485  
18MBaud

CC-530  
PCI 2xRS422/485  
15MBaud

**ORDER**

Description	Code
PCI 2xRS422/485 18MBaud	CC-525
PCI 2xRS422/485 15MBaud	CC-530

## PCI 2xRS422/485 18MBaud

CC-525/ CC-530 Full Specification

<p><b>Port</b></p> <table border="1"> <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> </table> <p>RS422/485 Pinout (9 Pin)</p> 	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>DB9 connector -- 9 Pin Male (CC-525) DB9 Connector - 9 Pin Female (CC-530)</p> <p>128 RX FIFO + 128 TX FIFO</p> <p>RS422/485 Standard (4000 ft : 1200 metres)</p> <p>No Cable; Integrated Connector</p>
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><b>Port Settings</b></p> <p>Ultra »»»» 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>15,000,000 (CC-530) / 18,000,000 (CC-525)</p> <p>5,6,7 or 8</p> <p>Odd, Even, None, Mark or Space</p> <p>1, 1.5 or 2</p> <p>Full Duplex, Half Duplex Autogating</p>																		
<p><b>Interface</b></p>	<p>OS Compatibility</p> <p>BUS</p>	<p>2003-04-24 00:00:00.0 2001-10-25 00:00:00.0 2000-01-03 00:00:00.0 1998-01-03 00:00:00.0</p> <p>PCI Ultra : Stunning ULTRA 15 or 18 megabaud data transfer rates!! And 128 byte deep FIFO guarantees uncompromising performance and faultfree use.</p>																		
<p><b>Approvals</b></p> 	<p>Other Approvals</p> <p>Microsoft Approvals</p>	<p>EMC: CE Microsoft Certified Gold Partner TAA Other</p> <p>Microsoft Certified Gold Partner Windows Server 2003 32 bit &amp; 64 bit editions Windows XP 32 bit &amp; 64 bit editions Windows 2000 Windows 98</p>																		
<p><b>General</b></p>	<p>PCB Layers</p> <p>Power Consumption</p> <p>Weight</p> <p>Size</p>	<p>4</p> <p>360mA @ 5V</p> <p>0.089 kgKg</p> <p>null mm</p>																		
<p><b>Box Content</b></p>	<p>Packaging</p> <p>Card</p>	<p>Installation CD including manual, Microsoft signed drivers &amp; utilities</p> <p>PCI 2xRS422/485 18MBaud</p> <p>No Cable; Integrated Connector</p>																		
<p><b>Product Support</b></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><b>Additional</b></p> 	<p>OEM option</p> <p>Made In</p> <p>Customisable</p>	<p>Available for bulk buy OEM</p> <p>Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"</p> <p>Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: <a href="mailto:sales@brainboxes.com">sales@brainboxes.com</a></p>																		