**brain**boxes
www.brainboxes.com

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919-241-8487

**Brainboxes End of Life Notification for CC-525/CC-530**

**CC-525 2 Port RS422/485 PCI card up to 15 MegaBaud**
**CC-530 2 Port RS422/485 PCI card up to 18 MegaBaud**

Brainboxes design and manufacture all of our products in-house which allows us to offer a lifetime warranty on our products and give long-term supply and support. The serviceable lifetime of a product is the period in which components are available.

We often source certain key components beyond their official Manufacturer's obsolescence date and extend the lifetime of our products. There are several obsolete parts used on this product but we have an opportunity to source components enabling a final production run for these products.

Brainboxes have supplied Multiport Serial cards over several decades and they are used and relied upon across many industry sectors.

To give clarity to customers, we are announcing an End of Life (EOL) of these Brainboxes Multiport Serial Cards sold through Brainboxes and our Distribution Channels.

These specific products are not recommended for new designs, please work with your Brainboxes Account Manager and Distribution Partner to ensure your future requirements are met and transition to alternative solutions where possible.

Where a transition is not possible, please notify your Brainboxes Account Manager to arrange a last-time-buy purchase. To ensure your last-time purchase orders are fulfilled on time, present your final product demand in the form of a non-cancellable, non-returnable (**NCNR**) purchase order as soon as possible and no later than the "Final Purchase Order Date" listed in the EOL Information Table (listed on the next page of this notification).

Supply of EOL products is usually limited. Fulfilment of final purchase orders is subject to product availability and will be prioritized according to the date when orders are placed.

If you have any concerns regarding these product phaseouts and transitions, please contact your Brainboxes Account Manager as soon as possible via sales@brainboxes.com or call 919 241 8487.

Thank you for your interest in Brainboxes products

Best Regards, Craig Johnson
VP Sales, North America

**Brainboxes LLC**
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GSA   TAA Compliant   Microsoft Partner Gold OEM
GSA Contract no: 47QTCA23D009X

**Last time buy schedule**

| Part Number | Description | End of life notice | Final Purchase Order Date | Final Shipment Date |
| --- | --- | --- | --- | --- |
| CC-525 | PCIe 1xLPT Printer Port | 31 January 2025 | 31 July 2025 | 01 Sep 2025 |
| CC-530 | LP PCIe 1xLPT Printer Port | 31 January 2025 | 31 Jul 2025 | 01 Sep 2025 |

EST 1984

Microsoft Gold Partner

nqa. ISO 14001 Registered

nqa. ISO 9001 Registered

## RoHS Compliant

# CC-525/CC-530

## PCI 2xRS422/485 18MBaud

### "SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

PCI
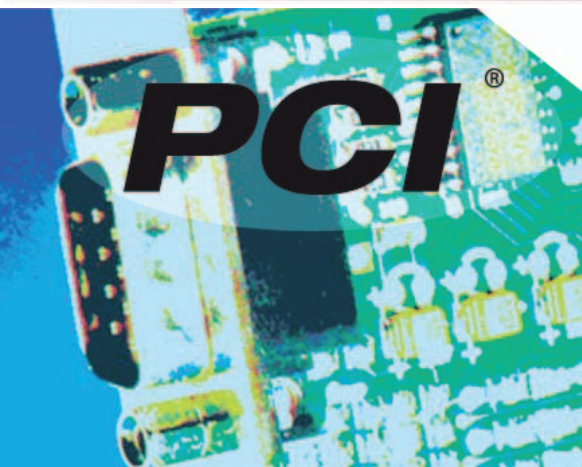
## Features

- 2 port RS422/485
- PCI 2.3
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 18,000,000 18 MegaBaud 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-525:
PCI 2xRS422/485
18MBaud

CC-530
PCI 2xRS422/485
15MBaud

## 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. Includes drivers for all Windows 32 bit and 64 bit Operating Systems, including Windows 7.

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

With Brainboxes industry renowned Lifetime Warranty and 3 year Support!

## 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
-

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

## ORDER

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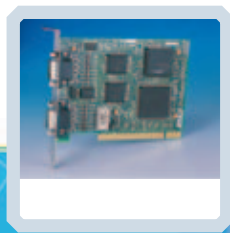
# PCI 2xRS422/485 18MBaud

CC-525/CC-530Full Specification

## Port



RS422/485 Pinout (9 Pin)

| 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+ |

| | | |
|---|---|---|
| Ports | 2 x 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 |
| Cable | No Cable; Integrated Connector |

## Port Settings

Ultra
》》》》
baud

| | |
|---|---|
| Baud Rate | 18,000,000 18 MegaBaud |
| Data Bits | 5,6,7 or 8 |
| Parity | Odd, Even, None, Mark or Space |
| Stop Bits | 1, 1.5 or 2 |
| Flow Control | |
| Tx/Rx Modes | Full Duplex, Half Duplex Autogating |

## Interface

**PCI**®

| | |
|---|---|
| OS Compatibility | Microsoft Windows 7 32 bit  64 bit Editions<br>Windows Server 2008 32 bit  64 bit Editions<br>Windows Vista 32 bit  64 bit Editions<br>Windows Server 2003 32 bit  64 bit Editions<br>Windows XP 32 bit  64 bit Editions<br>Microsoft Windows ME<br>Microsoft Windows 2000 |
| BUS | PCI Ultra : Stunning ULTRA 15 or 18 megabaud data transfer rates!! And 128 byte deep FIFO guarantees uncompromising performance and fault free use. |

## Approvals

| | |
|---|---|
| Industry Approvals | AEO C-TPAT Microsoft Certified Gold Partner EMC: CE TAA |
| Microsoft Approvals | Windows Server 2003 32 bit  64 bit editions<br>Windows XP 32 bit  64 bit editions<br>Windows 2000 |

## General

| | |
|---|---|
| PCB Layers | 4 |
| Power Consumption | 360mA @ 5V |
| Weight | 0.091 kg |
| Size | 135l x 18w x 120h mm |

## Box Content

| | |
|---|---|
| Packaging | Installation CD including manual, Microsoft signed drivers & utilities |
| Card | PCI 2xRS422/485 18MBaud<br>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 |

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

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