

# PCMCIA RS232 & RS422/485 Range Summary

*CONNECT, CONFIGURE, CONTROL YOUR SERIAL DEVICES*



## Range Description

PCMCIA introduced in the early 1990's is the classic way to add connectivity options to laptops and hand held PCs. Laptops are powerful enough to replace desktop computers; portable enough to be used by field sales staff; and versatile enough for service engineers. Brainboxes PCMCIA cards are designed to take full advantage of this mobile processing power. The majority of the range is based on Brainboxes' high performance CF16C950+ chip. They have all the features of the high performance PCI cards, allowing you to use your laptop as a true desktop replacement. ExpressCard slots are replacing PCMCIA slots in the latest laptops and are often the only connectivity option in netbooks.

## Features across the range

- Max Baud rate: 921,600
- Use in tablet, laptop and pocket PCs
- Option of secured cable or removable cables
- RS422/485 cards - Autogating for automatic turnaround of transmit enable in RS422 half duplex mode - hassle free operation
- Plug & Play
- Type II PCMCIA

PCMCIA SERIAL	PORTS	CODE
PCMCIA 1xRS232 1MBaud	1 x 9 pin	PM-020
PCMCIA 1xRS232 RUGGED 1MBaud	1 x 9 pin	PM-143
PCMCIA 1xRS422/485 1MBaud	1 x 9 pin	PM-120
PCMCIA 1xRS422/485 RUGGED 1MBaud	1 x 9 pin	PM-154
PCMCIA 2xRS232 1MBaud	2 x 9 pin	PM-010
PCMCIA 2xRS422/485 1MBaud	2 x 9 pin	PM-121
PCMCIA 2xRS422/485 RUGGED 1MBaud	2 x 9 pin	PM-132

Our PCMCIA Range has Microsoft Signed Drivers for the following:

- Windows 7
- Windows Server 2008
- Windows Vista
- Windows Server 2003
- Windows XP



1 Port Version



1 Port RUGGED Version



2 Port Versions



2 Port RUGGED Version



## Example Applications



## Brainboxes Ranges



### Ethernet to Serial

- Simple, instant cable replacement providing network integration
- Retain existing software applications on your network and connect from anywhere in the world
- Web-page configuration & RFC2217 compliant interface for non-Windows users
- LED status indication
- Autogating for automatic turn around of transmit enable in RS485 half duplex mode - hassle free operation
- IP30 rated rugged metal enclosure with integrated wall mount & optional DIN rail



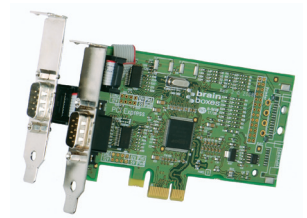
### USB to Serial - Industrial

- High retention USB connector for secure connections
- Plug & Play
- Fit any USB port
- Fantastic, proven, robust Boost software for excellent application compatibility
- IP30 rated rugged metal enclosure
- Includes 1m USB cable



### USB to Serial - Desktop

- Powered by USB port - no external power supply required
- Plug & Play
- Fit any USB port
- Fantastic, proven, robust Boost software for excellent application compatibility
- Includes 0.25m USB cable (Type A plug to Type A receptacle)
- Superb form factor



### PCI Express

- New generation of I/O expansion for desktop & server PCs
- True serial connectivity for robust connection
- Plug & Play installation - auto configuration
- Works in x1, x4, x8 & x16 lane slots
- 1, 2, 3, 4 & 8 port RS232 & RS422/485 products
- LPT Printer Port, Low Profile & Full Height versions available
- Opto Isolated versions available
- Powered EPOS included in range



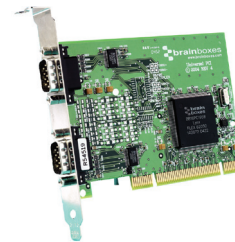
### ExpressCard

- New generation of I/O expansion for Notebooks & Netbooks
- Works in both 34 & 54mm slots
- User friendly form factor, convenient and rugged for notebook users
- High speed ExpressCards with excellent Plug-n-Play experience
- One & two port RS232 & RS422/485 products
- PCIe software & LPT Printer Port versions available
- Also available with adapter to fit PCMCIA slots



### Bluetooth

- True wireless cable replacement
- Class 1 & 2 devices - 10 to 30 metres
- RS232 Converter, on board software that also works with dumb devices
- Other Bluetooth products available:
  - Compact Flash
  - PCMCIA
  - Bluetooth RS232 Module
- Can be powered by device
- PC and Device connectivity



### uPCI

- Classic expansion option for desktop & servers PCs
- True serial connectivity provides robust connection
- Universal - both 3.3 & 5V slots
- 1, 2, 3, 4 & 8 port RS-232 & RS422/485 products
- LPT Printer Port, Low Profile & Full Height versions available
- Opto Isolated versions available
- Powered EPOS included in range
- Also available in PCI Express



### Accessories

- DIN rail kits available for 2, 4 & 8 port Ethernet to Serial and USB to Serial devices
- Cables for multiple product ranges - fully RoHS compliant
- Power supplies available for UK, Europe and USA

## Connect, Configure, Control Your Serial Devices

### Company & Product Accreditations



Our in-house Research and Development and Manufacturing facilities also provide "Custom Design, Perfect Fit" solutions.

Brainboxes Corporate Statement - From concept to customer your serial connectivity needs worldwide - solved!