

# USB To Serial Industrial Range Summary

*CONNECT, CONFIGURE, CONTROL YOUR SERIAL DEVICES*



## Range Description

USB is a widely accepted PC user interface standard. This range has been designed to be stylish enough for desktop environments and with IP30 enclosures are rugged enough to withstand industrial environments. The proven, robust and reliable Boost software ensures these devices have the functionality and performance for demanding mission critical applications. Our software has been proven to work where many others fail.

Being hot pluggable and plug & play devices makes USB a very attractive way to add serial connectivity to your platform.

## Features across the range

- Max Baud rate: 921,600
- Plug & Play
- High retention USB connector for secure connections
- Fits any USB port
- Fantastic, proven, robust Boost software for excellent application compatibility
- Rugged metal enclosure

USB TO SERIAL	PORTS	CODE
USB 1xRS232 1MBaud	1 x 9 pin	US-246
USB 1xRS422/485 1MBaud	1 x 9 pin	US-320
USB 2xRS232 1MBaud	2 x 9 pin	US-257
USB 2xRS422/485 1MBaud	2 x 9 pin	US-313
USB 4xRS232 1MBaud	4 x 9 pin	US-701
USB 4xRS422/485 1MBaud	4 x 9 pin	US-346
USB 8xRS232 1MBaud	8 x 9 pin	US-279
USB 8xRS422/485 1MBaud	8 x 9 pin	US-842

Our uPCII Range has Microsoft Signed Drivers for the following:

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



1 Port Version



2 Port Version



4 Port Versions



8 Port Version



## Example Applications



## Brainboxes Ranges



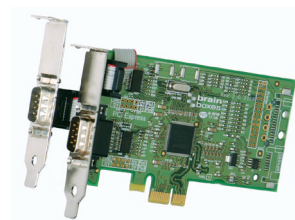
### Ethernet to Serial

- 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 - 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)



### PCI Express

- New generation of I/O expansion for 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
- 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 PCMCIA Adapter



### PCMCIA

- Use in tablet, laptop and Pocket PCs
- Robust connectivity
- Plug & Play Installation
- Option of secure or removable cable
- High speed connection up to 921,600 Baud
- One & two port RS-232 & RS422/485 products
- Also available in ExpressCard



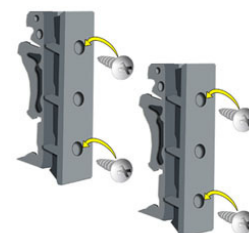
### Bluetooth

- 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

- Use in PCs and Servers
- 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

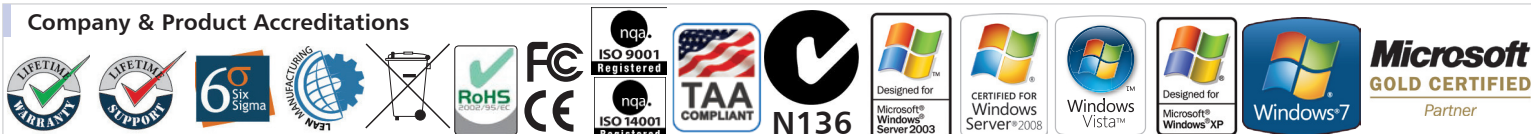


### Accessories

- 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!