

PCI Express RS232 & LPT Range Summary

CONNECT, CONFIGURE, CONTROL YOUR SERIAL DEVICES



Range Description

PCI Express is the latest connectivity standard within PCs. It is based on the existing PCI bus, but is faster and requires less power. PCI Express (PCIe) slots have replaced PCI slots within desktop PCs.

By providing the PX range Brainboxes has ensured a smooth transition for customers from one technology to the next.

The LPT (Parallel Printer Port) cards allow continued connectivity of existing peripherals while keeping up with the latest technology. As few PCI Express PCs are coming to market with LPT printer ports these cards ensure you benefit from your longterm investment with complete backwards compatibility.

Features across the range

- Max Baud rate: 921,600
- Fits any PCIe slot
- FIFO buffer per port: 128/256 byte (1-4 port cards), 32 byte (8 port cards)
- Plug & Play

	PCI EXPRESS SERIAL CARDS	PORTS	STANDARD CODE	LOW PROFILE CODE
NEW	PCIe 1xLPT	1 x LPT	PX-146	PX-157
NEW	PCIe 1xLPT + 1xRS232 1MBaud	1xLPT + 1x9 pin	PX-475	
	PCIe 1xRS232 1MBaud	1 x 9 pin	PX-246	PX-235
	PCIe 2xRS232 1MBaud	2 x 9 pin	PX-257	PX-101
	PCIe 3xRS232 1MBaud	3 x 9 pin	PX-431	
	PCIe 3+1xRS232 1MBaud	4 x 9 pin	PX-420	
	PCIe 4xRS232 1MBaud	4 x 9 pin	PX-701	PX-260
	PCIe 8xRS232 1MBaud	8 x 9 pin	PX-279	
	PCIe 8xRS232 DB25 1MBaud	8 x 25 pin	PX-275	

Our PCI Express Range has Microsoft Signed Drivers for the following:

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



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 recepticle)



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!