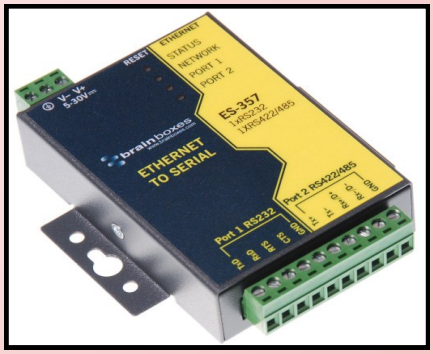
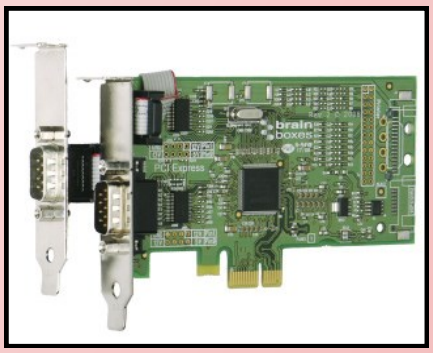
MICRO STORAGE® powered by brainboxes www.brainboxes.com

Product Guide





Windows 8 Compatible

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Ethernet to Serial

Send serial data over the network.
Allows communication between a serial enabled device and a computer anywhere on the local network, or anywhere in the world (using the internet).
No network expertise required, simply plug your device into the Brainboxes Ethernet to Serial device, then plug that into your network.
A web interface allows secure configuration and control of the serial ports over a local network or the internet using any browser. Our range has Windows COM ports for legacy applications.

Ethernet to Serial Devices RS232 - 9 Pin D

Ethernet to Serial Adapter 1 Port RS232	BEST SELLER	ES-246
Ethernet to Serial Adapter 2 Port RS232	BEST SELLER	ES-257
Ethernet to Serial Adaptor 4 Port RS232		ES-701
Ethernet to Serial Adaptor 8 Port RS232		ES-279

Ethernet to Serial Devices RS422/485 - 9 Pin D

Ethernet to Serial Adapter 1 Port RS422/485		ES-320
Ethernet to Serial Adapter 2 Port RS422/485		ES-313
Ethernet to Serial Adaptor 4 Port RS422/485	NEW	ES-346
Ethernet to Serial Adaptor 8 Port RS422/485	NEW	ES-842

NEW

Ethernet to Serial Devices Screw Terminal

Light Industrial Ethernet to Serial Devices

Ethernet to Serial Adaptor 1 Port RS232	NEW	ES-020

Industrial Ethernet to Serial Devices NEW

(-30°C - +80°C Temperature range)

Ethernet to Serial Adapter 1 Port RS232/RS422/RS425	ES-511
Ethernet to Serial Adaptor 2 Port RS232/RS422/RS425	ES-522
Ethernet to Serial Adaptor 1 Port RS232/RS422/RS425 Galvanic Isolation	ES-551
Ethernet to Serial Adaptor 1 Port RS232/RS422/RS425 Galvanic Isolation with Ethernet Switch	ES-571

Ethernet Switch NEW

Industrial Unmanaged Ethernet Switch 4 Ports	**SW-504**

Ethernet to DIO

Our ED Products offer a range of Ethernet to Digital I/O, Relay, Analogue I/O and Counter Timer functionality devices.

Our ED range gives robust and intelligent "control side" devices that provide the interface to systems on the 24V factory floor environment, commonly referred to as "process side". The ED product range is designed for harsh environments. Based upon a powerful Arm 80MHz, 32bit CPU, it incorporating a two port 10/100Mhz Auto MDIX Ethernet switch that allows daisy chaining of devices without extra cabling or external Ethernet switch being required. The slim 'book on shelf' vertical format gives a high density of screw terminal I/O port connectors without taking up large amount of valuable DIN rail space. A dual function watchdog timer monitors the hardware performance and the communications link status.

Ethernet to DIO:

NEW

8 input / 8 output ED-588

COMING SOON

16 output ED-527

COMING SOON

16 input ED-516

The software interface is the industry standard DCON ASCII protocol used in the popular ADAM/NuDAM modules and allows all the numerous applications written to support these products to work seamlessly with the ED range also. Web browser interface allows instant configuration and use of the device.

High performance, great software compatibility, wide family of modules make this the perfect choice for industrial automation.

Bluetooth to Serial

Bluetooth is a simple instant radio solution that allows different devices to communicate without cable connections. Since Bluetooth devices are radios, they can even communicate through walls and up to distances of 100m.

The BL-819 and BL-830 are Bluetooth to serial adaptors, they require no driver software to be added to the PC or the peripherals and so are ideal instant cable replacements

Bluetooth Devices

Bluetooth to RS232 Serial Adapter 1 Port Male	BEST SELLER	BL-819
Bluetooth to RS232 Serial Adapter 1 Port Female	BEST SELLER	BL-830

Paired Bluetooth Devices

Pre-paired Bluetooth Adaptor 2 Ports RS232	BL-875

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USB to Serial

USB is the world's most popular interconnection standard with over 3 billion devices shipped last year. The plug & play USB experience is one of the reasons USB has stormed the world. In a laboratory or industrial setting many people want the USB connectivity convenience but also want high reliability devices and connections.

USB to Serial Adapter RS232		
USB to Serial Adapter 1 Port RS232	BEST SELLER	US-101
USB to Serial Adapter 2 Port RS232	BEST SELLER	US-257
USB to Serial Adaptor 4 Port RS232		US-701
USB to Serial Adaptor 8 Port RS232		US-279

USB to Serial Adapter RS422/485		
USB to Serial Adapter 1 Port RS422/485	BEST SELLER	US-324
USB to Serial Adapter 2 Port RS422/485		US-313
USB to Serial Adaptor 4 Port RS422/485		US-346
USB to Serial Adaptor 8 Port RS422/485		US-842
USB to Serial Adaptor 8 Port RS422/485 Multi Drop Hub		US-601

PCMCIA

PCMCIA is the classic way of adding serial connectivity to laptops. Increasingly new laptops are coming with-out PCMCIA slots and using the new ExpressCard slots instead.
The PCMCIA range includes 1 or 2 ports in either RS232 or RS422/485 serial connectivity. As standard most PCMCIA cards have removable cables terminating in a 9 pin D connector. Ruggedised PCMCIA cards have permanently attached cables for increased security.

PCMCIA Devices

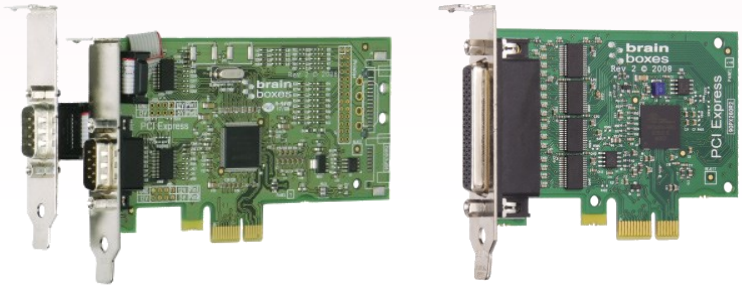
PCMCIA 1 Port RS232 with detachable cable	BEST SELLER	PM-020
PCMCIA 1 Port RS232 with ruggedised integrated cable		PM-143
PCMCIA 2 Port RS232 with detachable cable		PM-010
PCMCIA 2 Port RS232 with ruggedised integrated cable		PM-132

PCMCIA 1 Port RS422/485 with detachable cable		PM-120
PCMCIA 1 Port RS422/485 with ruggedised integrated cable		PM-154
PCMCIA 2 Port RS422/485 with detachable cable		PM-121

PCI Express

PCI Express (PCIe) slots are replacing PCI slots within desktop PCs and servers. PCIe cards have a similar form factor and user experience as the older PCI cards, however they are both faster and require less power and are becoming the card type of choice. Brainboxes PCI Express cards will fit in any PCI Express slot - x1, x4, x8 & x16.

Brainboxes manufacture an extensive range of PCI Express cards with 1 to 8 ports, RS232 or RS422/485, low profile or standard height, and with or without cables.



PCI Express Serial Cards RS232

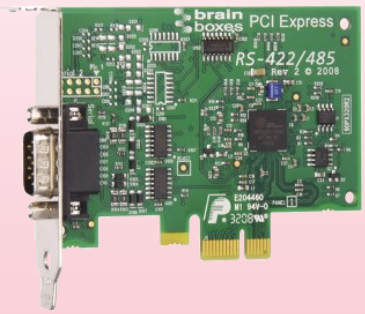
PCI Express Serial Card 1 Port RS232	BEST SELLER	PX-246
PCI Express Serial Card 1 Port RS232 Low Profile	BEST SELLER	PX-235
PCI Express Serial Card 1 Port + 1 x RS232 Low Profile		PX-101
PCI Express Serial Card 2 Port RS232		PX-257
PCI Express Serial Card 3 Port RS232		PX-431
PCI Express Serial Card 4 Port RS232 Quad Cable 4 x 9 pin		PX-701
PCI Express Serial Card 4 Port RS232 (3x9 pin ports + 1x9 pin port)		PX-420
PCI Express Serial Card 4 Port RS232 Low Profile Quad cable 4 x 9 pin		PX-260
PCI Express Serial Card 8 Port RS232 DB9 Octo cable 8 x 9 pin	BEST SELLER	PX-279

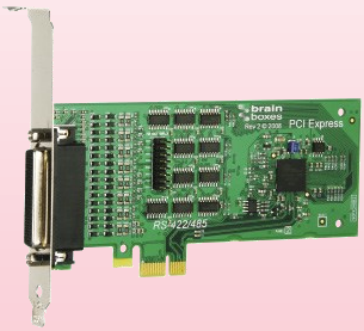
PCI Express Serial Cards RS422/485

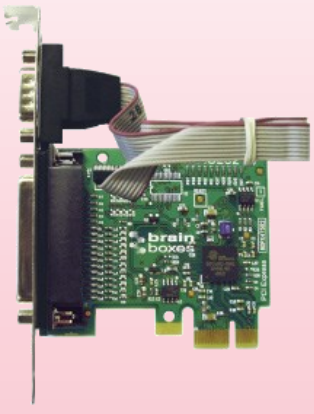
PCI Express Serial Card 1 Port RS422/485	PX-324
PCI Express Serial Card 1 Port RS422/485 Low Profile	PX-320
PCI Express Serial Card 1 Port RS422/485 Opto Isolated	PX-387
PCI Express Serial Card 1 Port RS422/485 Low Profile Opto Isolated	PX-376
PCI Express Serial Card 2 Port RS422/485	PX-313
PCI Express Serial Card 2 Port RS422/485 Opto Isolated	PX-310
PCI Express Serial Card 4 Port RS422/485 Quad cable 4 x 9 pin	PX-346
PCI Express Serial Card 4 Port RS422/485 Low Profile Quad cable 4 x 9 pin	PX-335
PCI Express Serial Card 4 Port RS422/485 With Opto Isolation Quad cable 4 x 9 pin	PX-368

LPT Parallel Printer Port

PCI Express Serial Card 1 Port RS232 with LPT Parallel Printer Port	PX-475
PCI Express Serial Card Parallel Port Printer	PX-146
PCI Express Serial Card Parallel Port Printer Low Profile	PX-157

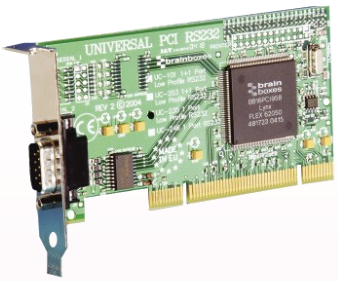


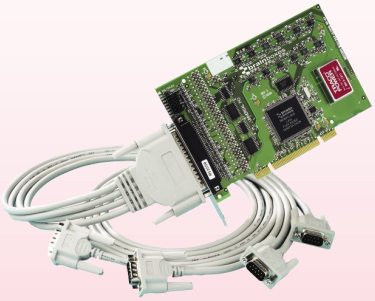




uPCI

PCI slots, introduced in the early 1990's, are now being replaced by the new PCI Express slots. Our PCI cards, being compatible with both 5V and 3.3V slots, are universal PCI cards: uPCI.
Brainboxes manufacture an extensive range of PCI cards with 1 to 8 ports, RS232 or RS422/485, low profile or standard height, and with or without cables.
PCI cards are plug & play, fit internally to the PC and give the most secure add on solution for permanent installations.



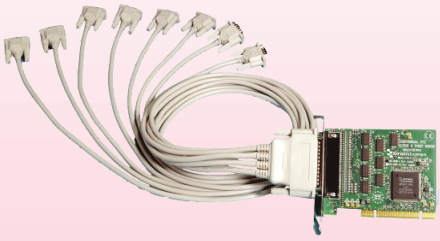


PCI Serial Card RS422/485

PCI Serial Card 1 Port RS422/485	BEST SELLER	UC-324
PCI Serial Card 1 Port RS422/485 Low Profile	BEST SELLER	UC-320
PCI Serial Card 1 Port RS232 + 1 Port RS422/485		UC-357
PCI Serial Card 2 Port RS422/485	BEST SELLER	UC-313
PCI Serial Card 2 Port RS422/485 Opto Isolated		UC-310
PCI Serial Card 4 Port RS422/485 Quad cable 4 x 9 pin		UC-346
PCI Serial Card 4 Port RS422/485 Opto Isolated Quad cable 4 x 9 pin		UC-368

PCI Serial Card RS232

PCI Serial Card 1 Port RS232	BEST SELLER	UC-246
PCI Serial Card 1 Port RS232 Low Profile	BEST SELLER	UC-235
PCI Serial Card 2 Port RS232 Low Profile		UC-101
PCI Serial Card 2 Port RS232 Low Profile on cable		UC-253
PCI Serial Card 2 Port RS232	BEST SELLER	UC-257
PCI Serial Card 3 Port RS232		UC-431
PCI Serial Card 4 Port RS232 (3x9 pin ports + 1x9 pin port)		UC-420
PCI Serial Card 4 Port RS232 DB9 Quad cable 4 x 9 pin		UC-701
PCI Serial Card 4 Port RS232 DB9 Low Profile Quad cable 4 x 9 pin		UC-260
PCI Serial Card 4 Port RS232 Opto Isolated Quad cable 4 x 9 pin		UC-083
PCI Serial Card 4 Port RS232 Opto Isolated Low Profile Quad cable 4 x 9 pin		UC-061
PCI Serial Card 8 Port RS232 DB9 Octo cable 8 x 9 pin	BEST SELLER	UC-279

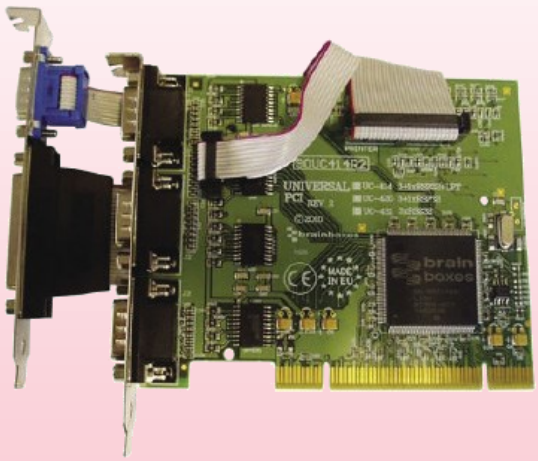


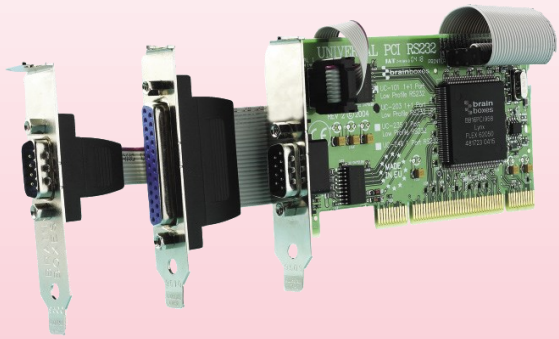
25 pin D connectors are an available option with all cable

uPCI

PCI Cards with Parallel Printer Ports

Parallel Port Printer PCI Card	BEST SELLER	UC-146
Parallel Port Printer PCI Card Low Profile	BEST SELLER	UC-157
PCI Serial Card 1 Port RS232 with LPT Parallel Printer Port Low Profile		UC-464
PCI Serial Card 2 Port RS232 with LPT Parallel Printer Port		UC-475
PCI Serial Card 2 Port RS232 with LPT Parallel Port Low Profile		UC-203
PCI Serial Card 4 Port RS232 with LPT Parallel Port for Printer		UC-295
PCI Serial Card 4 Port RS232 with LPT Parallel Port for Printer Low Profile Quad Cable 4 x 9 pin		UC-263
PCI Serial Card 4 Port RS232 with LPT Parallel Port for Printer (3x9 pin ports + 1x9 pin port + 1 x 25 pin port)		UC-414





Powered PoS Cards

Point of Sale (POS) serial cards are used to connect point of sale hardware such as LCD displays, barcode scanners and printers to the main point of sale system.

Brainboxes point of sale devices are used extensively throughout retail including major retail stores, DIY chains and supermarkets.

Brainboxes powered PoS cards have +12V and +5V outputs that are jumper selectable with resettable fuse protection.

PCI Express Card Powered through SATA power connector

1 Port RS232 1 Amp POS Card	PX-846
1 Port RS232 1 Amp POS Card - Low Profile	PX-803
2 Port RS232 1 Amp POS Card	PX-805
2 Port RS232 1 Amp POS Card - Low Profile	PX-801

PCI Express Card Powered through IDE power connector

1 Port RS232 1 Amp POS Card	PX-823
1 Port RS232 1 Amp POS Card - Low Profile	PX-812
1 Port +1 x RS232 RS232 1 Amp POS Card - Low Profile	PX-809
2 Port RS232 1 Amp POS Card - Low Profile	PX-857

PCI Serial Card Powered

2 Port RS232 0.5 AMP	UP-869
2 Port RS232 1.0 AMP	UP-880

PCI Ultra High Speed

Brainboxes CC-525 and CC-530 provide a ultra high speed serial link over RS422/485 connection. Originally designed for use by the British Military, these cards provide high reliability for mission critical applications and a high speed serial data connection of 15,000,000 baud (15 MegaBaud) or 18,000,000 baud (18 MegaBaud).

Purchase of Brainboxes PCI Ultra cards is subject to Minimum Order Quantity, please contact us for a advice.

PCI 2 Port RS422/485 PCI card with Baud Rates up to 18,000,000 baud (18 MegaBaud)

CC-525

PCI 2 Port RS422/485 PCI card with Baud Rates up to 15,000,000 baud (15 MegaBaud)

CC-530

Laptop Express Cards

ExpressCards are the new connect standard for laptops and can be found in the latest laptops. ExpressCard slots come in 34mm and 54mm widths, all of Brainboxes ExpressCards will fit in either slot. Use our ExpressCard spacer in 54mm slots when you require added physical security.

The cards are hot swappable and can be added or removed without having to turn your PC on or off.

PCIe ExpressCard Serial Adapter

PCIe ExpressCard 1 LPT Printer Port	XC-157
PCIe ExpressCard Serial Adapter 1 Port RS232	XC-235
PCIe ExpressCard Serial Adapter 1 Port RS232 and 1 Printer Port LPT	XC-475

ExpressCard Serial Adapter

ExpressCard Serial Adapter 1 Port RS232		VX-001
ExpressCard Serial Adapter 2 Port RS232 with detachable cable	BEST SELLER	VX-012
ExpressCard Serial Adapter 1 Port RS422/485	BEST SELLER	VX-023
ExpressCard Serial Adapter 2 Port RS422/485 with detachable cable		VX-034
ExpressCard 54MM SPACER		VX-056

Custom Design

Haven't found what you are looking for?

Need something slightly different or completely new?

Talk to experienced team about your custom build needs

Brainboxes are committed to innovation and product design. We are also committed to fulfilling the needs of our customers and supporting their vast range of applications.
We are happy to develop the specification of products to suit your needs and support you through the installation and roll our process so that your project runs smoothly. As we design, manufacture and support our devices we have a unique insight, authority and ability to provide the world's best products and best customer experience. Brainboxes equip our people to embrace the industry's leading business practices and cutting edge technologies, from chip level to board level, so that you the customer benefits directly. All this unique expertise in one location ensures unparalleled ability to deliver what you demand and deserve

Benefits

As a leading Serial and Bluetooth designer and manufacturer, we actively seek to add value and pro-mote excellence in every aspect of our operations. We are committed to giving you the best product, with the best compatibility and best user experience. We guide you with pre-sales advice, deliver on time and support you through the lifetime of your product.

Europarts Rus is an authorized distributor of the Brainboxes product range in Russia.

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