Our Ethernet Serial Device Servers allow you to connect to serial devices over your network or from anywhere over the internet. In Windows our Boost.LAN driver gives you local COM ports retaining existing software applications on your network and allowing your to connect from anywhere in the world. Alternatively our simple web interface allows you to communicate, configure and control your devices using any web browser. Our ES range provides a simple, instant cable replacement providing network integration.

Extend your reach, control your serial ports from the edge of your network or across the planet!

**Features across the range**

- Max Baud rate: 230,400
- 10/100Base TX Ethernet port - auto DMS and auto detection
- User friendly software - Windows COM port
- Web-page configuration and RFC2217 compliant interface for non-Windows users
- Autogating for automatic turn around of transmit enable in RS485 half duplex mode - hassle free operation
- Rugged metal enclosure with integrated wall mount
- Optional DIN Rail mounting kits
- Environmental Temps - Operating Temp 0 to 55°C / Storage Temperature -20 to 85°C

**Ethernet TO SERIAL**

<table>
<thead>
<tr>
<th>PORTS</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 9 pin</td>
<td>ES-246</td>
</tr>
<tr>
<td>1 x 9 pin</td>
<td>ES-320</td>
</tr>
<tr>
<td>2 x 9 pin</td>
<td>ES-357</td>
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<tr>
<td>2 x 9 pin</td>
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<td>2 x 9 pin</td>
<td>ES-313</td>
</tr>
<tr>
<td>4 x 9 pin</td>
<td>ES-346</td>
</tr>
<tr>
<td>8 x 9 pin</td>
<td>ES-279</td>
</tr>
<tr>
<td>8 x 9 pin</td>
<td>ES-842</td>
</tr>
</tbody>
</table>

Our Ethernet to Serial Range has Microsoft Signed Drivers for the following:

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

**Example Applications**

- Industrial PC
- CNC Machine

+44(0) 151 220 2500 sales@brainboxes.com www.brainboxes.com
Brainboxes Ranges

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)
- 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

PCMCIA
- Classic laptop expansion option
- 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
- 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!

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