brainboxes
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EST 1984

Microsoft® GOLD CERTIFIED Partner

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NEW

Ethernet To Serial Range Summary

CONNECT, CONFIGURE, CONTROL YOUR SERIAL DEVICES

Range Description

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
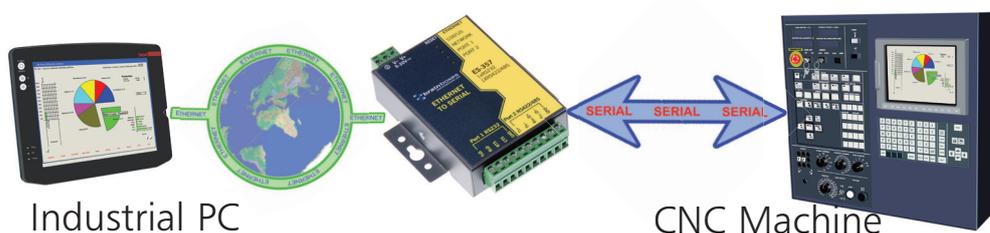- Environmental Temps - Operating Temp 0 to 55°c / Storage Temperature -20 to 85°c

Ethernet TO SERIAL	PORTS	CODE
Ethernet 1xRS232	1 x 9 pin	ES-246
Ethernet 1xRS422/485	1 x 9 pin	ES-320
Ethernet 1xRS232 & 1xRS422/485	2 x 9 pin	ES-357
Ethernet 2xRS232	2 x 9 pin	ES-257
Ethernet 2xRS422/485	2 x 9 pin	ES-313
Ethernet 4xRS232	4 x 9 pin	ES-701
Ethernet 4xRS422/485	4 x 9 pin	ES-346
Ethernet 8xRS232	8 x 9 pin	ES-279
Ethernet 8xRS422/485	8 x 9 pin	ES-842

Our Ethernet to Serial Range has Microsoft Signed Drivers for the following:
- Windows 7
- Windows Server 2008
- Windows Vista
- Windows Server 2003
- Windows XP

Windows®7

CERTIFIED FOR Windows Server®2008

CERTIFIED FOR Windows Vista®

Designed for Microsoft® Windows® Server 2003, Windows®2000 Server

Designed for Microsoft® Windows®XP

Example Applications

Industrial PC   SERIAL SERIAL SERIAL   CNC Machine
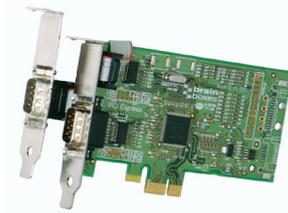
Brainboxes Ranges

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, conveniet 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
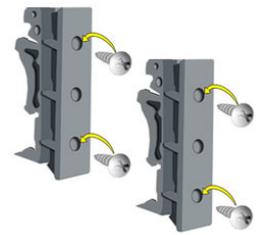- Also available in ExpressCard

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

LIFETIME WARRANTY · LIFETIME SUPPORT · 6σ Six Sigma · LEAN MANUFACTURING · RoHS 2002/95/EC · FC · CE · ISO 9001 Registered nqa · ISO 14001 Registered nqa · TAA COMPLIANT · N136 · Designed for Microsoft Windows Server 2003 · CERTIFIED FOR Windows Server 2008 · Windows Vista · Designed for Microsoft Windows XP · Windows 7 · **Microsoft** GOLD CERTIFIED Partner

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!