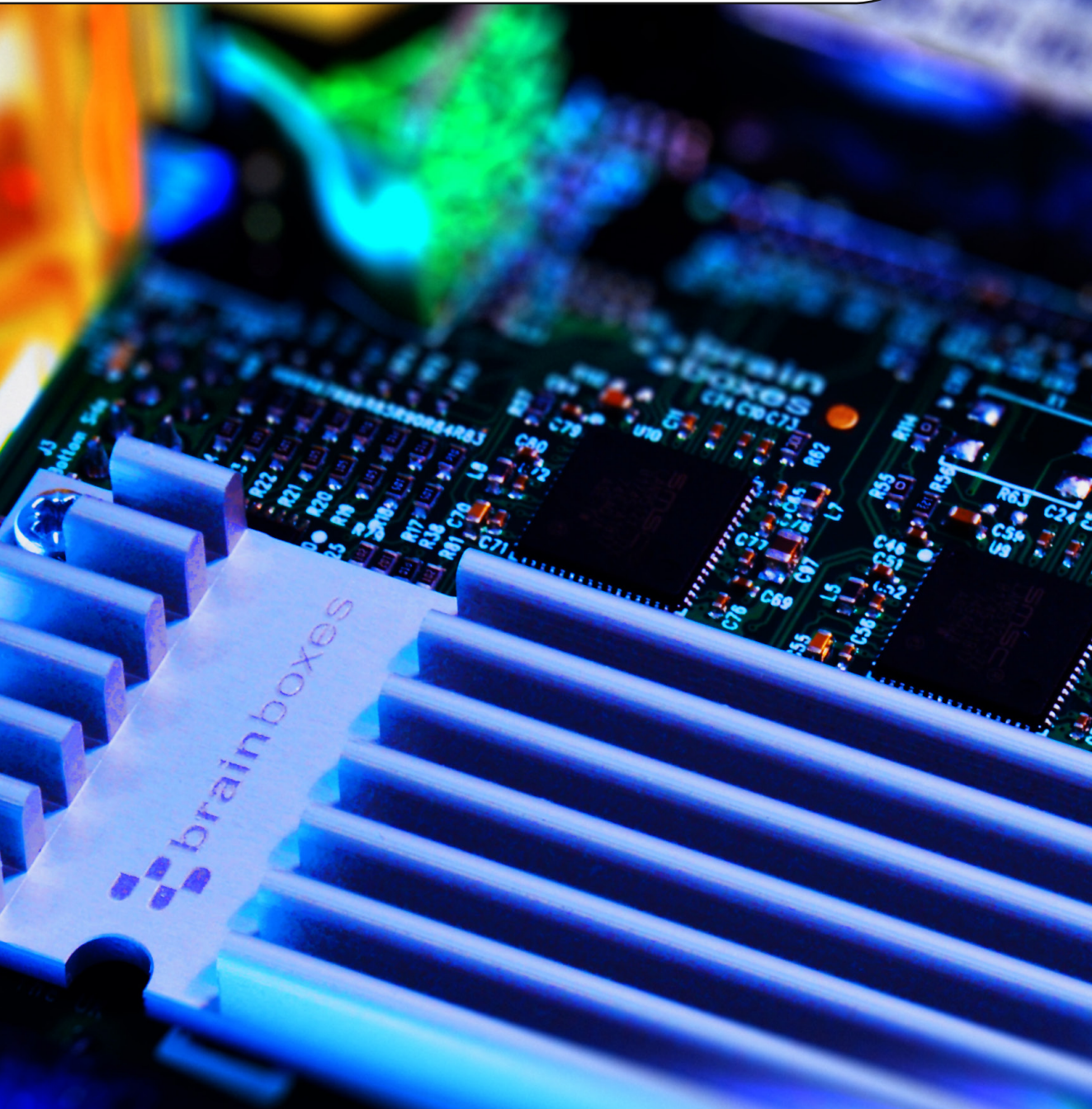# brainboxes

Portfolio

Get the edge
with edge processing

Smart Controller

Sense, sort and send your machine data

Minimize downtime, speed up response times and maximise profits

Start your smart factory journey:

Rapid retrofit robust hardware
Easy install and setup - Great software APIs
Use I/O lines and existing sensors
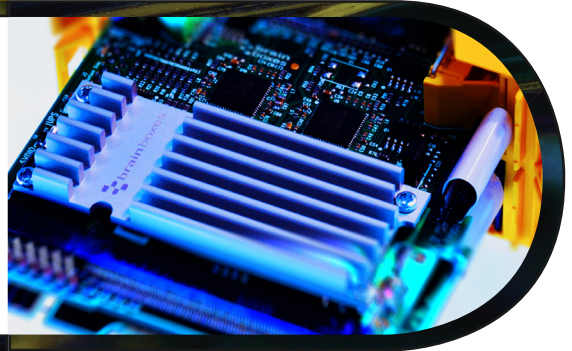Get machine data onto the network
Get results from single device - scale as needed

Get IoT Ready

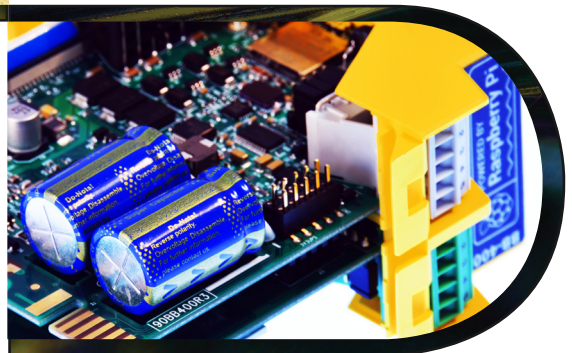The connections needed on the factory floor within compact DIN mount design

Get going fast with easy to use web interface and customise with our API resources

Edge Processing with innovative industrialised Raspberry Pi, deploy seamlessly to Industry

Meets industrial needs with intelligent power management and a host of robust features
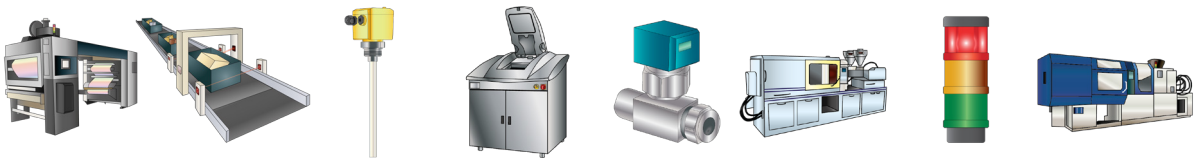
brainboxes
www.brainboxes.com

Remote I/O

Get answers and make simple improvements that have a big impact

Production managers need to know:
  How many am I making
  How often are my machines down

Available as Digital IO, Relay, and Analogue IO, controlled over Ethernet using a range of protocols.

Industrial and commercial/light industrial form factors. The modules have a suite of software API's available including for Visual Basic, C# and C++.
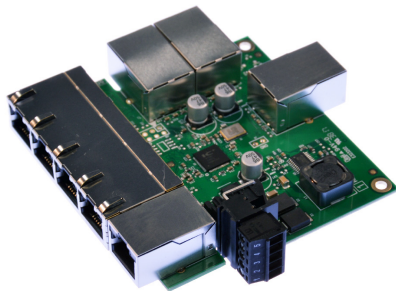
Ethernet Switches

Simple affordable expansion of your network with the right industrial specification

Provides reliable link for all kinds of equipment
Use to connect any I/O or Serial device
Suitable for industrial applications, transport and marine use

Comes in multiple form factors providing the right connection for different enclosures.

Choose from:
  4 to 8 ports,
  DIN mount,
  Plastic and metal casing,
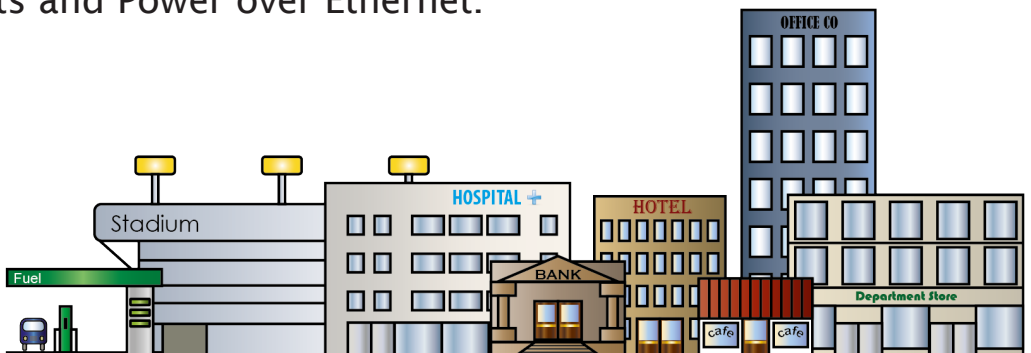 Embedded and compact form factors

Ethernet to Serial

Enables easy monitoring and control in remote environments

Popular for building management, energy monitoring and scientific applications
Great for broadcast and security applications

Use two devices to tunnel over Ethernet providing true serial cable replacement over any distance. Great for controlling remote equipment. Available in industrial DIN mount or desktop formats and Power over Ethernet.
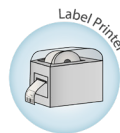
Serial Connections

Serial can be used to transmit and receive program data to CNC machines and scientific equipment

Robust, reliable connections to Serial devices whether RS232 or RS422/485. Choose from traditional on-board PCI cards, laptop friendly USB or talk to us about custom options. Available with 9 pin D connectors or terminal blocks, and up to 8 ports.

Weigh Scales

Chip and Pin

ePOS Console

All Connect With Serial

Balances

Label Printer

Information VDU

Cash Recycler

USB to Serial

1 port highly portable and robust – perfect for engineers to carry in their tool bag for diagnostics

2, 4 & 8 ports – connect multiple items to a standard USB port

Serial Cards

Wide range 1, 2, 4 & 8 port options with custom configurations available

Fits into PC base unit – standard or low profile

Over 35 years of smarter technology

Technology and experience that spans both Industry and IT
- Large range of products
- Hardware meets industrial quality and specification
- Software options offering flexibility not available elsewhere

Solutions available for Industry 4.0
- Competitive, flexible and scalable solutions
- Suitable for many applications

Easy to work with
- Based in UK – offer full support service to you and your customer
- Design and manufacture all products

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