

UK +44 (0)151 220 2500 // USA +1 855 958 2502 //
www.brainboxes.com // sales@brainboxes.com

US-759

USB-C to 1 Port RS232 Industrial Isolated USB to Serial

- Our smallest form factor USB-C to serial adaptor
- High retention USB connector for an unshakeable connection
- Comes with 1m USB-B to USB-C cable
- Works where many other USB to Serial devices do not
- Industrial Specification: IP-50
- -40°C to +80°C/-40°F to +176°F



2kV Isolation
ESD protection to IEC 61000-4-2:
Contact discharge: ±8 kV
Air gap discharge: ±15 kV



Wall mounting option



High retention USB connection requires a minimum withdrawal requirement of 15N (thats a force of 1.5Kg or 3.4lbs)



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US-759 USB-C to 1 Port RS232 Industrial Isolated USB to Serial

IP-50 rated non-conducting case

High retention USB connector for an unshakeable connection

Plug and play with signed drivers

Orange color-coded insulator to differentiate from standard USB connectors

-40°C to +80°C/-40°F to +176°F temperature range

USB connection requires a minimum withdrawal requirement of 15N



Wall mounting option

Works across the full spectrum of baud rates up to 921,600 including standard and arbitrary values

LED Information

| | | |
|------------------|----------------|---------|
| Status LED | Green Power | On |
| Serial Port LEDs | Green Light On | Data TX |
| | Green Light On | Data RX |

| | |
|--------------------|---|
| Port | |
| Connector | DB9 Connector - 9 Pin Male connector (9 Pin Male) |
| FIFO Size | 384 RX FIFO + 128 TX FIFO |
| Operating Distance | EIA - RS232 Standard |
| Cable | USB cable Type A to B 1 metre 3ft |

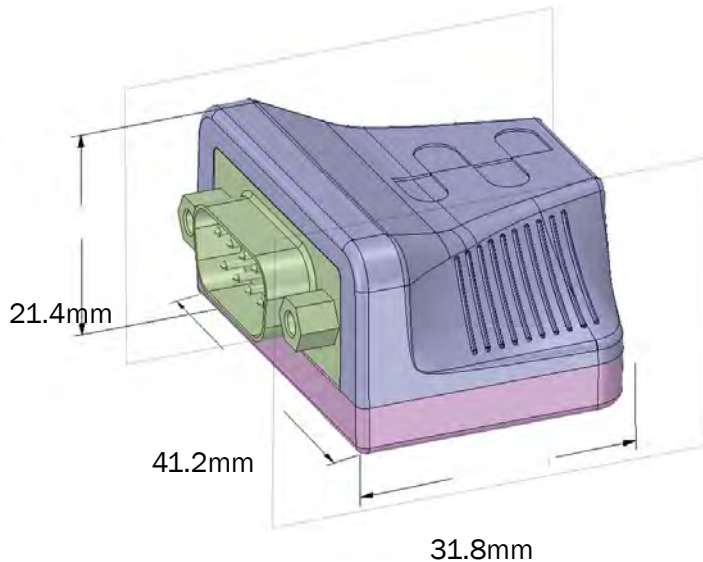
| | |
|--------------------|----------------------------------|
| Power Supply | |
| Power Supply Input | +5V through USB cable (supplied) |
| Power Consumption | 100mA @ 3.3V |

| | |
|-----------------------|-------------------------------|
| Environmental | |
| Operating Temperature | -0°C to +60°C/-32°F to +140°F |
| Storage Temperature | -0°C to +60°C/-32°F to +140°F |

| | |
|-----------------------|---|
| Port Settings - RS232 | |
| Baud Rate | From 110 - 1 MegaBaud - Any custom Baud rate accepted |
| Data Bits | 7 or 8 |

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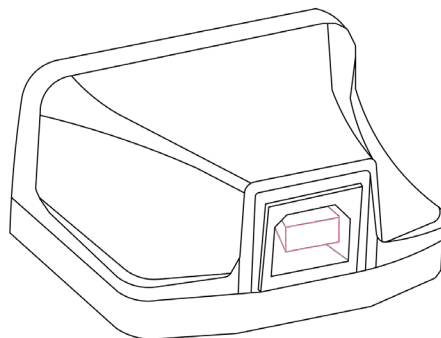
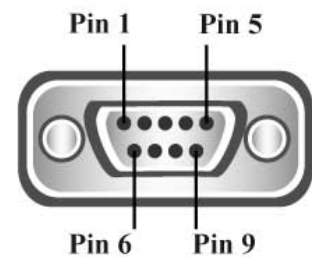
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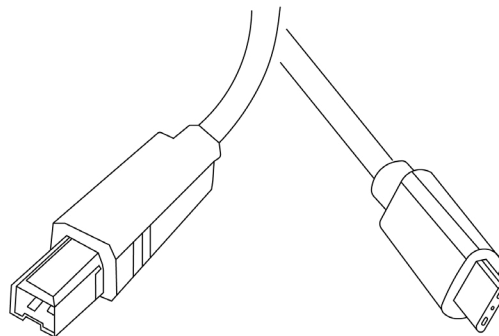
RS232

| | |
|-------|-----|
| Pin 1 | DCD |
| Pin 2 | RXD |
| Pin 3 | TXD |
| Pin 4 | DTR |
| Pin 5 | GND |
| Pin 6 | DSR |
| Pin 7 | RTS |
| Pin 8 | CTS |
| Pin 9 | RI |

RS232 Pinout (9 Pin Male)



HIGH RETENTION SOCKET
(min withdrawal 15N)



USB-B plug

USB-C plug

connect to phones/tablets/PCs

Software

OS Compatibility

Microsoft

Brainboxes' software provides a TCP or Serial COM port interface. All software versions and updates available to download from our website.

Windows 8, Windows 8.1, Windows 10, Windows 11
Windows Server 2016
Windows Server 2019



Lifetime Warranty and Support:

We can help with every aspect of your project, from getting you up and running to custom application.

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US-759 USB-C to 1 Port RS232 Industrial Isolated USB to Serial

| | |
|-------------------------|---|
| Packaging Information | QSG, Device, USB-C Cable (signed drivers are automatically downloaded by Windows OS) |
| Product Weight | 0.024 kg, 0.85 ounces |
| Product Dims | 41x38x22 mm, 1.6x1.5x0.9 inches |
| Packaged Weight | 0.155 kg, 5.47 ounces |
| Packaged Dims | 160x135x45 mm, 6.3x5.3x1.8 inches |
| GTIN Universal Code | 837324004632 |
| Industry Approvals | Microsoft Certified Gold Partner, WEEE, RoHS, AEO (C-TPAT), CE, UKCA |
| HTS | 8471800000 |
| ECCN | 49449A |
| CAGE | 8QCY6 |
| Warranty | Lifetime - online registration required |
| Support | Lifetime Web, Email & Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team |
| Standards | ISO9001, ISO14001 |
| OEM option | Available for bulk buy OEM |
| COO (Country of Origin) | GB |
| Made In | Manufactured in GB by Brainboxes |
| Customisable | Brainboxes operate a 'Perfect Fit Custom Design' policy for volume users More info: sales@brainboxes.com |

USB-C Range

USB-C adaptors available in a range of formats and specifications

www.brainboxes.com



US-720

USB-C to 1 Port
422/485 Industrial USB to
Serial Adaptor



US-735

USB-C to 1 Port
RS232 Industrial USB to
Serial Adaptor



US-757

USB-C to 2 Port
RS232 Serial Server Hub