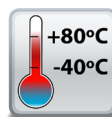


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www.brainboxes.com // sales@brainboxes.com

## 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

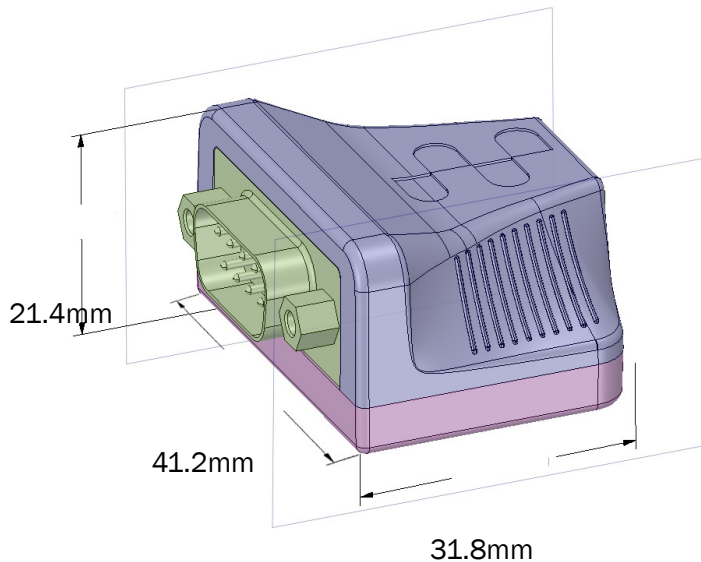
Power Supply	
Power Supply Input	+5V through USB cable (supplied)
Power Consumption	100mA @ 3.3V

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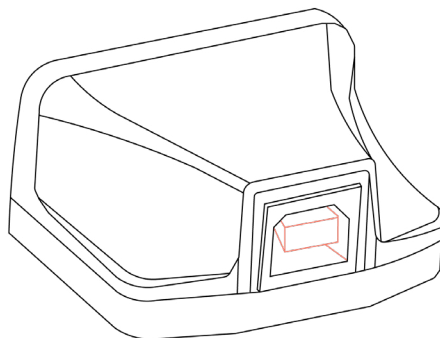
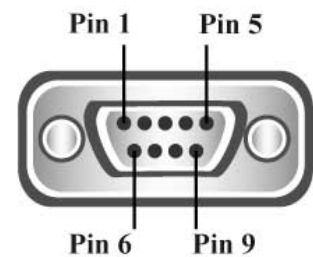
## US-759 USB-C to 1 Port RS232 Industrial Isolated USB to Serial



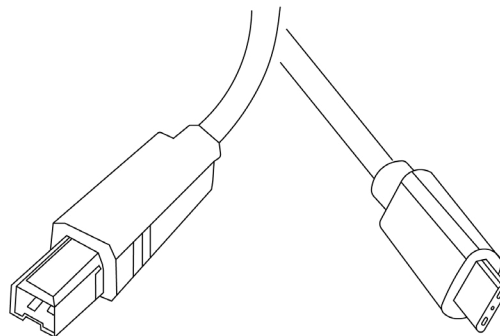
## RS232

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: <a href="mailto:sales@brainboxes.com">sales@brainboxes.com</a>

### USB-C Range

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

[www.brainboxes.com](http://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