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Data Sheet

USB-C to Serial Adapter with COM Retention

Product ID: ICUSB232PROC



This USB-C™ to serial adapter lets you connect your USB-C devices to your legacy serial equipment. It converts a USB-C port on your laptop or computer into an RS232 DB9 serial port with COM port retention. This gives you a cost-saving and convenient way to connect to serial devices such as point-of-sale terminals, serial modems, industrial equipment, and a wide variety of other RS232 peripherals.

Connect with ease

The RS232 adapter cable is compatible with Windows®, macOS and Linux® operating systems, which makes it easy to integrate into mixed environments.

Built-in convenience

A time-saving and convenient USB/serial solution, the adapter retains assigned serial COM port values in nonvolatile memory, allowing the same values to automatically be re-assigned to the adapter serial port if disconnected and reconnected, or disconnected from one USB port and installed in another.

The USB-C serial cable also supports advanced features like remote wake-up and power management control.

The ICUSB232PROC is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Perfect for IT Administrators looking to add legacy functionality to newer notebooks, PCs and servers that lack an integrated RS232 port
- Connect, monitor and control industrial/automotive sensors and equipment
- Connect bar code scanners, receipt printers and other point-of-sale devices
- Connect a satellite receiver, serial modem, or PDA with serial sync
- Connect and program LED and digital signage boards with serial communication ports

Features

- USB-C to straight-through RS232 DB9 serial adapter
- High-speed 921.6Kbps Baud Rate
- COM port assignments maintained across reboot
- Supports remote wake up and power management control
- Compatible with Windows®, macOS® and Linux
- Provides dual buffers for upstream and downstream data transfer
- USB-Powered - no external power adapter required

	Warranty	2 Years
Hardware	Bus Type	USB-C
	Chipset ID	Prolific - PL2303RA
	Industry Standards	USB 1.1/2.0 RS232
	Interface	Serial
	Port Style	Cable Adapters
	Ports	1
Performance	Data Bits	5, 6, 7, 8
	FIFO	512 Bytes
	Flow Control	None, Xon/Xoff, RTS/CTS, DTR/DSR
	Max Baud Rate	921.6 Kbps
	MTBF	30,000 Hours
	Parity	Odd, Even, Mark, Space, or None Parity Modes
	Serial Protocol	RS-232
	Stop Bits	1, 1.5, 2
Connector(s)	Connector Type(s)	1 - USB Type-C (24-pin) USB 2.0 (480Mbps) Male 1 - DB-9 (9 pin, D-Sub) Male
Software	OS Compatibility	Windows® 7, 8.1, 10 Windows Server® 2008 R2, 2012 R2, 2016 Mac OS X® 10.11 and 10.14 Linux 2.6.x to 4.4.x *LTS Versions only*
Special Notes / Requirements	System and Cable Requirements	One available USB-C port
Power	Power Source	USB-Powered
Environmental	Humidity	5~85% RH
	Operating Temperature	-10°C to 80°C (14°F to 176°F)
	Storage Temperature	-20°C to 100°C (-4°F to 212°F)
Physical Characteristics	Cable Length	1.4 ft [0.4 m]
	Color	Black
	Product Height	0.8 in [2 cm]
	Product Length	16.9 in [42.8 cm]
	Product Width	1.4 in [35 mm]

	Weight of Product	1.3 oz [36 g]
Packaging Information	Package Height	0 in [0.1 mm]
	Package Length	7.9 in [20 cm]
	Package Width	8.7 in [22 cm]
	Shipping (Package) Weight	1.9 oz [54 g]
What's in the Box	Included in Package	1 - serial adapter cable
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.