

# USB-RS232-1 SERIAL CONVERTER CABLE INSTALLATION GUIDE

## Introduction

Thank you for purchasing this RS-232 to USB serial adapter cable. It is an intelligent expansion module that connects to a PC or server via the Universal Serial Bus (USB), providing high-speed serial connectivity. The serial port is fully compatible with RS232 DTE serial standard by the bundled virtual COM port drivers. Its compact size and interchangeable hex nut and screw connection options make it amenable to a wide range of applications.

## Features

- ✓ Provides one RS-232 serial port over USB
- ✓ Provides 1 DTE, DSUB-9 male connector with exchangeable screws and hex nuts
- ✓ Supports USB2.0 Type-A full speed (12 Mbps) data rate
- ✓ Baud rate from 300 bps to 921.6 kbps
- ✓ Supports 7 or 8 data bits and 1 or 2 stop bits
- ✓ Odd, even, mark, space or none parity mode
- ✓ Supports USB bus power
- ✓ TXD and RXD activity LED indicators
- ✓ DB9 male connector
- ✓ Compact size
- ✓ Supports Windows, Linux and macOS

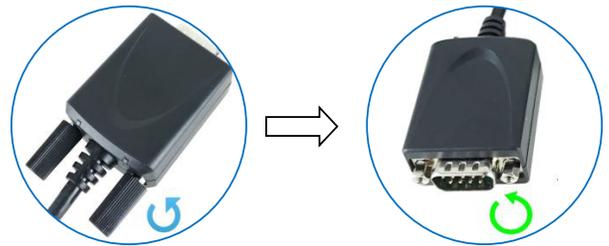


## Specifications

Specifications	
Connectors	USB Type-A, DB9 male
Cable Length	1.8m [5.9ft]
Number of Ports	1 RS-232
RS-232 Signals	DCD, TXD, RXD, DTR, DSR, RTS, CTS, GND
Baud Rate	300 bps to 921.6 kbps
Data Bits	7, 8
Stop Bits	1, 2
Parity	None, even, odd, mark, space
Power Requirement	5V/135 mA (USB bus powered)
Operating Temperature	0-55 °C [32-131 °F]
Operating Humidity	5-95% RH
Storage Temperature	-20 to +85 °C [-4 to +185 °F]

## Connecting the Adapter Cable

1. Plug the USB Type-A connector of the cable into a USB host port on your PC or an available USB port on a USB hub.
2. Connect a RS-232 serial device to the DB9 male connector of this adapter cable.
3. If the RS-232 device connector has screws, remove the mounting screws on this converter and install the supplied hex nuts.



4. Proceed with "Installing Drivers" to install the virtual COM port drivers for your operating system.

## Installing Drivers

The adapter cable can be hot-plugged to the USB port of your computer. It supports Windows, Linux and macOS. Drivers for each operating system are provided in the zip archive downloadable from [www.automationdirect.com](http://www.automationdirect.com). Navigate to the appropriate folder for your operating system and run the installer program found in that folder. The installed driver will load automatically when the adapter cable is connected.

- (32\_64bit)Win\_11
- (32\_64bit)Win10\_8.x\_7\_2016\_2012R2\_2008R2
- (32\_64bit)WinXP\_Vista\_2008\_2003
- Linux x86\_64
- Mac OS X
- Mac\_OS\_9\_8
- Win98\_ME
- Win2000

## Male DB9 Pin Assignments and Cable Wiring

