2ft (60cm) 2-Port USB to Serial Adapter Cable, Interchangeable DB9 Screws/Nuts, COM Retention, USB-A to DB9 RS232, FTDI, Level-4 ESD Protection, Windows/macOS/ChromeOS/Linux - Rugged TPE Construction

Product ID: 2P1FFC-USB-SERIAL



Add RS-232 serial communication support to USB-A enabled Data Terminal Equipment (DTE - e.g., desktop or laptop), using this 2ft (61cm) straight through 2-Port USB to Serial Adapter Cable.

The Dual-Port USB Serial Adapter adds two RS-232 serial DB/DE-9 (male) connectors to a desktop or laptop via a single USB Type-A port. Secure the adapter to a serial device, using pre-installed and removable slotted DB-9 nuts or install the included DB-9 thumbscrews for compatibility with other serial peripheral devices or cables.

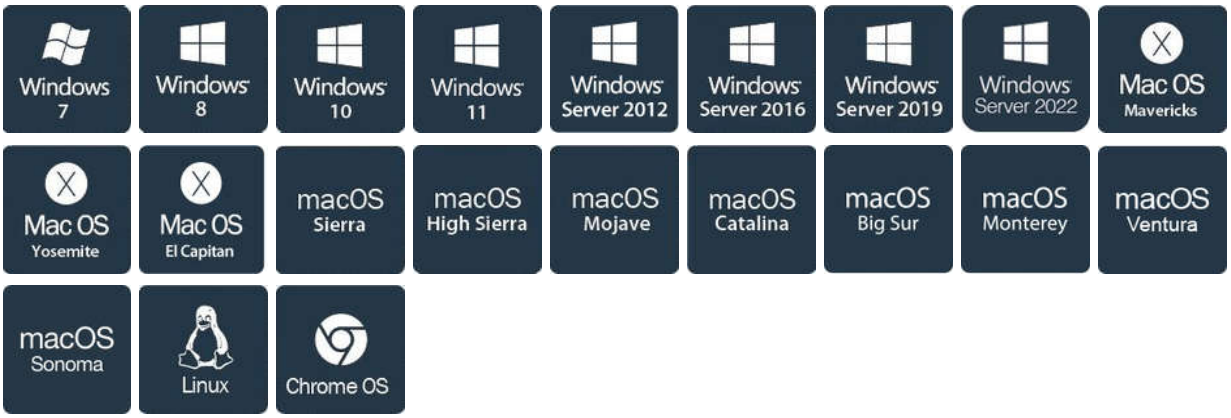
Data transmission and reception LED indicators for each port on the adapter provide real-time monitoring of port activity. The USB LED indicates when the adapter has successfully enumerated on the desktop or laptop. All the LEDs aid with diagnostics and troubleshooting.

The adapter is compatible with Windows, macOS, ChromeOS, and Linux. Drivers automatically install to Windows 7 and newer versions, macOS 10.15 and above, and Linux. The USB to RS-232 adapter features COM retention, which automatically reassigns the COM port value if the cable is disconnected and reconnected, or if the system is rebooted.

The rugged TPE construction and Level-4 ESD protection (15kV air and 8kV contact) enhance the reliability and longevity of the USB to Serial Adapter. Copper shielding minimizes Electromagnetic and Radio Frequency Interference (EMI and RFI). Gold-plated connectors enhance signal conductivity. The included mounting bracket allows the hub of the serial adapter to be mounted to a desired surface.

Certifications, Reports and Compatibility





Applications

• Add RS-232 capabilities to USB-enabled Data Terminal Equipment (DTE) to connect Data Communication Equipment (DCE) peripherals

• Connect, monitor, and control industrial sensors and equipment

• Connect bar code scanners, receipt printers, and other point of sale devices

• Program LED and digital signage boards with serial communication ports

Features

• INTERCHANGEABLE NUTS & SCREWS: Secure the adapter to serial devices using the pre-installed DB9 nuts, or install the included DB9 screws for compatibility with serial peripheral devices/cables; Add two DB9 RS-232 ports to a computer, using a USB-A port

• LED INDICATORS: Each port has dedicated Transmit and Receive LED indicators offering real-time monitoring of port activity, while the USB LED indicates when the adapter is successfully recognized by the desktop or laptop

• COMPATIBILITY: Works with Windows, macOS, ChromeOS, and Linux; Drivers auto-install in Windows 7+, macOS 10.15+, and Linux; COM retention enables the COM port to automatically re-assign if the cable is disconnected/reconnected or if the system is rebooted

• BUILD QUALITY: One-piece molded TPE housing and Level-4 ESD protection (15kV air/8kV contact) enhance reliability and longevity; Copper shielding minimizes EMI/RFI interference; Gold-plated connectors; Extended operating temperature of -40C to 80C

• TECH SPECS: 2x DB9 RS232 Ports; 1ft (30.5cm) cable length between hub and peripherals (2ft/61cm total product length); FTDI FT2232H Chipset; Max Baud Rate: 921.6Kbps; 4KB FIFO; Odd/Even/Mark/Space/None Parity Modes; 7 or 8 Data Bits; 1 or 2 Stop bits

Hardware

Warranty	2 Years
Ports	2

	Interface	Serial
	Bus Type	USB 2.0
	Port Style	Cable Adapters
	Industry Standards	USB 2.0/1.1
		RS-232
	Chipset ID	FTDI - FT2232H
Performance		
	Serial Protocol	RS-232
	Max Baud Rate	921.6 Kbps
	Data Bits	7, 8
	FIFO	4KB Buffer
	Parity	Even, Odd, None, Space, and Mark
	Stop Bits	1, 2
Connector(s)		
	Connector A	1 - USB 2.0 Type-A (4 pin, 480Mbps)
	Connector B	2 - 9 pin D-Sub (DB-9) Male
Software		
	OS Compatibility	Windows 7, 8/8.1, 10, 11
		Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022
		macOS 10.9 to 10.15, 11.0, 12.0, 13.0, 14.0
		Linux 4.15.x and up - LTS Versions only
		Chrome OS
Special Notes / Requirements		
	System and Cable Requirements	Computer with a USB Type-A Port version 1.1 or greater
Indicators		
	LED Indicators	2 - Data Receive LED: Flashes Green to indicate activity

		2 - Data Transmit LED: Flashes Yellow to indicate activity
		2 - USB LED: Solid Blue to indicate driver has been installed, and USB connection enumerated
Power		
	Power Source	Bus Powered
Environmental		
	Operating Temperature	-40C to 80C (-40F to 176F)
	Storage Temperature	-40C to 80C (-40F to 176F)
	Humidity	0% ~ 95% RH (non-condensing)
Physical Characteristics		
	Color	Black
	Product Length	24.0 in [61.0 cm]
	Product Width	1.8 in [4.5 cm]
	Product Height	0.8 in [2.0 cm]
	Weight of Product	3.9 oz [110.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	6.1 in [15.5 cm]
	Package Width	8.9 in [22.5 cm]
	Package Height	2.2 in [5.5 cm]
	Shipping (Package) Weight	7.8 oz [222.0 g]
What's in the Box		
	Included in Package	1 - 2-Port USB to Serial Adapter
		1 - Mounting Bracket
		4 - DB9 Screws
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.