

8.3ft (2.5m) 1-Port FTDI USB to Serial RS232 Adapter Cable with Optical Isolation, USB to RS232 Adapter - TAA

**Product ID:** ICUSB2321FIS



The ICUSB2321FIS 1-Port FTDI USB to Serial RS232 Adapter Cable with Optical Isolation converts an available USB 1.1 or 2.0 port into an RS232 DB9 port that can be used to connect, monitor and control your serial devices.

The USB to serial adapter features integrated optical isolation circuits and surge protection to protect your critical, sensitive control equipment against electrical damage, making it a viable solution for costly industrial serial devices.

The versatile FTDI chipset also supports COM retention, additional customization/features, and compatibility not offered by most other solutions. Broad operating system compatibility including Windows, Windows CE, Mac OS and Linux, makes this product easy to integrate into mixed environments.

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 laptops, desktop computers and servers that lack an integrated RS232 port
- Connect, monitor and control industrial/automotive sensors and other sensitive equipment
- Connect bar code scanners, receipt printers and other point-of-sale devices
- Connect and program LED and Digital signage boards with serial communication ports
- Connect a satellite receiver, serial modem, or PDU

## Features

- **MULTI-USE FUNCTIONALITY:** This versatile USB to serial RS232 adapter is perfect for a range of applications, from digital signage to connecting point-of-sale systems and barcode scanners
- **CUSTOMIZABLE SOLUTION:** This USB serial hub features an FTDI chipset, making it highly customizable and compatible, and the ideal solution for any setup; Integrated 2500Vrms Optical Isolation Circuits
- **COMPACT DESIGN:** Designed with a small form factor, this serial RS232 converter is USB powered and requires no bulky power adapters or an outlet
- **EASY INSTALLATION:** This serial adapter ensures easy installation and operation with COM port retention that provides robust serial connectivity for legacy devices
- **TECH SPECS:** 8.3 feet (2.4 meters); FTDI FT232RL Chipset; Max Baud Rate: 921.6 Kbps; 256 Bytes FIFO; None/Odd/Even/Mark/Space Parity Modes; 7 or 8 Data Bits; 1 or 2 Stop bits; 500W Bi-directional circuits Surge Protection; TAA Compliant

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### Hardware

Warranty	2 Years
Ports	1
Interface	Serial
Bus Type	USB 2.0
Port Style	Cable Adapters
Chipset ID	FTDI - FT232RL

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### Performance

Maximum Cable Length	8.3 ft [2.5 m]
Serial Protocol	RS-232

Max Baud Rate	921.6 Kbps
Data Bits	7, 8
FIFO	256 Bytes
Parity	None, Odd, Even, Mark, Space
Stop Bits	1, 2
Isolation	2500 Vrms
Surge Protection	500W Bi-directional circuits
Supported Protocols	RS 232

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**Connector(s)**

Connector Type(s)	1 - DB-9 (9 pin, D-Sub) 1 - USB 2.0 Type-A (4 pin, 480Mbps)
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**Software**

OS Compatibility	Windows CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10, 11, 11 ARM  Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, 2025  macOS 10.6 to 10.15, 11.0, 12.0, 13.0, 14.0, 15.0, 26.1  Linux Kernel 3.0.x and up - LTS Versions only
Microsoft WHQL Certified	Yes

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**Special Notes / Requirements**

System and Cable Requirements	One available USB 1.1 (or better) port
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**Power**

Power Source	USB-Powered
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**Environmental**

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

**Physical  
Characteristics**

Color	Black
Material	Plastic
Cable Length	8.3 ft [2.5 m]
Product Length	8.3 ft [2.5 m]
Product Width	1.6 in [4.0 cm]
Product Height	0.8 in [2.0 cm]
Weight of Product	3.8 oz [107.0 g]

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**Packaging  
Information**

Package Quantity	1
Package Length	8.3 in [21.2 cm]
Package Width	5.7 in [14.5 cm]
Package Height	1.6 in [4.1 cm]
Shipping (Package) Weight	7.6 oz [216.0 g]

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**What's in the Box**

Included in Package	1 - USB to RS-232 Serial Adapter
	1 - Driver CD
	1 - Instruction Manual

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**Warranty  
Information**

Warranty	2 Years
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*\*Product appearance and specifications are subject to change without notice.*