

## 2 Port USB to RS232 RS422 RS485 Serial Adapter with COM Retention

Product ID: ICUSB2324852



The ICUSB2324852 2 Port USB to RS232 RS422 RS485 Serial Adapter with COM Retention lets you connect every type of serial device to your USB-enabled computer, whether it be for RS232, RS422, or RS485 communication. The adapter features a 9-pin (DB9) male and a 5-pin terminal block serial connector as well as dip-switch controls for easy port configuration with minimal software requirements. The adapter also supports using 2 ports simultaneously, including with mixed protocols; for example RS-232 on port 1, and RS-485 on port 2, or a number of other combinations.

For a convenient, and clean installation in office or industrial settings, the RS232/RS422/RS485 USB Adapter is wall-mountable and fully powered via the host USB connection, providing power to the attached serial device without requiring an external power adapter.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Adapting and expanding POS systems
- Great for Industrial programmers looking to test new code with serial devices
- Connect serial RS232, RS422, or RS485 devices to notebooks or tablet PC's through the USB port
- Perfect for controlling, monitoring, and diagnosing manufacturing machines (CNC, Process Control Equipment, Bar Code Scanners, Serial Printers)
- Security device control (key panels, cameras, card readers)

## Features

- Backwards compatible with USB 1.1
- USB-powered; No additional external power adapter required
- Both ports can function simultaneously with mixed or matched communication protocols
- Includes a bracket for wall mounting the USB to Serial adapter
- Features rugged screw-lock USB port to ensure cords are not accidentally disconnected
- Ability to rename devices for easy recognition
- COM Port assignments maintained after reboot
- Port 1 (DB9) configurable for RS232, RS422, or RS485; Port 2 (Terminal Block) configurable for RS422 or RS485
- Multiple interface modes, including: 4 wire RS422(TxD+/-, RxD+/-), and 2 wire RS485 (DATA+, DATA-)
- Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA Hardware
- External power adapter can be used (not required) if your device needs extra power beyond what the USB host can provide
- Transmission Echo for RS485 collision detection
- USB to 2 Port Straight-Through RS232/422/485 Serial Adapter

<b>Hardware</b>	Warranty	2 Years
	Bus Type	USB 2.0
	Chipset ID	FTDI - FT2232H
	Interface	Serial
	Port Style	External Hub
	Ports	2
<b>Performance</b>	Data Bits	7, 8
	FIFO	128 Bytes
	Flow Control	Xon/Xoff, Hardware, and None
	Max Baud Rate	921.6 Kbps
	Parity	Odd, Even, Mark, Space, and None
	Serial Protocol	RS-232/422/485
	Stop Bits	1, 2
<b>Connector(s)</b>	Connector Type(s)	1 - USB Type-A (4 pin) USB 2.0 Male
	External Ports	1 - DB-9 (9 pin, D-Sub) Male
		1 - Terminal Block (5 Wire)
<b>Software</b>	OS Compatibility	Windows® CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS X® 10.6 to 10.12 Linux 2.4.x to 4.4.x <i>LTS Versions only</i>
<b>Indicators</b>	LED Indicators	1 - Red - Power LED
<b>Power</b>	Center Tip Polarity	Positive
	Output Current	0.385A
	Output Voltage	5 DC
	Plug Type	B
	Power Source	Not Included (not required for standard applications)
<b>Environmental</b>	Humidity	5~95% RH
	Operating Temperature	0°C to 55°C (32°F to 131°F)
	Storage Temperature	-20°C to 85°C (-4°F to 185°F)
<b>Physical Characteristics</b>	Color	Gray
	Enclosure Type	Plastic

	Product Height	0.9 in [23.2 mm]
	Product Length	3.2 in [82.3 mm]
	Product Weight	10.6 oz [300 g]
	Product Width	1.7 in [44.2 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	10.9 oz [310 g]
<b>What's in the Box</b>	Included in Package	<ul style="list-style-type: none"> <li>1 - Wall mounting bracket</li> <li>1 - USB to RS232/RS422/485 Adapter</li> <li>1 - USB A to B Cable</li> <li>1 - Driver CD</li> <li>1 - Installation Guide</li> </ul>

Product appearance and specifications are subject to change without notice.