8-Port USB-to-Serial Adapter Hub

Product ID: ICUSB23208FD



This 8-port USB-to-serial adapter hub provides an easy and cost-efficient way to add RS232 serial capability to your industrial setting. It features a sturdy, rack-mountable chassis, and supports daisy chaining, so you can connect multiple hubs together to increase your serial device port count.

This rack-mountable USB serial hub (FTDI) lets you add eight serial ports (RS232), with full control from your desktop or laptop computer system using a single USB port. The daisy-chain function gives you a cost-effective and scalable way to increase your serial port count and expand as your needs grow, without investing in a more expensive serial hub.

Providing full control of your serial components from a single device, the USB serial hub is ideal for a multitude of applications including industrial automation, self-serve automated kiosks, and monitoring of cameras and security systems.

The hub features COM port retention, which retains the assigned serial COM port values. This ensures that the same values are automatically re-assigned to the port provided by the adapter, in the event it is disconnected and re-connected to the host computer.

The hub features a reliable FTDI USB-to-serial chipset, which provides easy installation into a broad range of operating systems.

With its all-metal chassis, this rugged, rack-mountable hub fits into standard 19-inch server storage racks to provide an efficient industrial serial solution. It supports an extended operating temperature range of -40C to 85C (-40F to 185F), ensuring reliable performance even in the harshest environments. The USB-serial hub includes both an AC adapter and terminal block power, providing versatile power options.

The ICUSB23208FD is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

• Ideal for industrial automation on factory and manufacturing floors

• Provides full control of your server room serial components from a single device

• Control and monitoring of surveillance and security cameras and systems

• Self-service automated machines and kiosks (grocery, airport) to control serial devices such as scales, touchscreens, magnetic-card readers, barcode scanners, receipt printers, label printers

• POS control of keyboards, cash drawers, receipt printers, card readers and card swipes, scales, and elevated displays on poles

• Bank teller workstations, in either full-profile or low-profile versions, to control serial devices such as cash drawers, card readers and card swipes, printers, keypads and pin pads, pen pads

Features

• Gain eight RS232 serial port interfaces through a single USB port

• Connect multiple hubs together through daisy chain functionality

• 921.6Kbps baud rate per port

• Rack-mountable design with durable all-metal chassis

• Extended operating temperature range: -40C to 85C (-40F to 185F)

• 256-byte transmit, 128-byte receive FIFO

• COM port retention

Hardware

Warranty	2 Years

	Ports	8
	Interface	Serial
	Bus Type	USB 2.0
	Port Style	External Hub
	Chipset ID	FTDI - FT4232
Performance		
	Maximum Data Transfer Rate	480 Mbps
	Serial Protocol	RS-232
	Max Baud Rate	921.6 Kbps
	Data Bits	7, 8
	FIFO	256 Bytes
	Parity	Odd, Even, Mark, Space, None
	Stop Bits	1, 2
	MTBF	67,114 hours
Connector(s)		
	Connector Type(s)	1 - USB B (4 pin)
		8 - DB-9 (9 pin, D-Sub)
Software		
	OS Compatibility	Windows CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10, 11
		Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022
		macOS 10.6 to 10.15, 11.0, 12.0, 13.0, 14.0
		Linux 2.4.x and up - LTS Versions only
Indicators		
	LED Indicators	8 - Data Transmit
		8 - Data Receive
Power		

	Input Voltage	100 - 240 AC
	Input Current	1.5 A
	Output Voltage	12V DC
	Output Current	3 A
	Center Tip Polarity	Positive
	Plug Type	B
	Power Consumption (In Watts)	36
Environmental		
	Operating Temperature	-40C to 85C (-40F to 185F)
	Storage Temperature	-65C to 150C (-85F to 302F)
	Humidity	20~80% RH (Non-condensing)
Physical Characteristics		
	Color	Black
	Material	Aluminum
	Cable Length	35.4 in [900 mm]
	Product Length	16.9 in [43 cm]
	Product Width	4.7 in [12 cm]
	Product Height	1.8 in [4.5 cm]
	Weight of Product	3.0 lb [1.4 kg]
Packaging Information		
	Package Quantity	1
	Package Length	17.7 in [45.0 cm]
	Package Width	8.5 in [21.6 cm]
	Package Height	2.4 in [6.2 cm]
	Shipping (Package) Weight	4.5 lb [2.1 kg]

What's in the Box

Included in Package	1 - 8-port USB to RS232 hub
	1 - 18 in. [46 mm] USB 2.0 cable
	2 - rack-mounting brackets
	8 - rack-mounting screws
	2 - DIN-rail mounting brackets
	4 - DIN-rail mounting screws
	4 - washers
	4 - nuts
	1 - universal power adapter (NA/JP, UK, EU, ANZ)
	1 - driver CD
	1 - terminal block plug
	1 - quick-start guide

Product appearance and specifications are subject to change without notice.