Data Sheet

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.

A scalable solution for changing needs

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.

Built-in convenience

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.

Meets the demands of industrial environments

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 -40°C to 85°C (-40°F to 185°F), 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

RoHS & REACH DOWNLOAD DECLARATION

TAA COMPLIANT

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: -40°C to 85°C (-40°F to 185°F)
- 256-byte transmit, 128-byte receive FIFO
- COM port retention

	Warranty	2 Years
Hardware	Bus Type	USB 2.0
	Chipset ID	FTDI - FT4232
	Interface	Serial
	Port Style	External Hub
	Ports	8
Performance	Data Bits	7, 8
	FIFO	256 Bytes
	Max Baud Rate	921.6 Kbps
	Maximum Data Transfer Rate	480 Mbps
	Parity	Odd, Even, Mark, Space, None
	Serial Protocol	RS-232
	Stop Bits	1, 2
Connector(s)	Connector Type(s)	1 - USB B (4 pin) Female 8 - DB-9 (9 pin, D-Sub) Male
Software	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® 10.6 to 10.14 Linux 2.4.x to 4.9.x *LTS Versions only*
Indicators	LED Indicators	8 - Data Transmit 8 - Data Receive
Power	Center Tip Polarity	Positive
	Input Current	1.5 A
	Input Voltage	100 ~ 240 AC
	Output Current	3 A
	Output Voltage	12 DC
	Plug Type	B
	Power Consumption (In Watts)	36
Environmental	Humidity	20~80% RH (Non-condensing)
	Operating Temperature	-40°C to 85°C (-40°F to 185°F)
	Storage Temperature	-65°C to 150°C (-85°F to 302°F)

Physical Characteristics	Cable Length	35.4 in [900 mm]
	Color	Black
	Enclosure Type	Aluminum
	Product Height	1.8 in [4.5 cm]
	Product Length	16.9 in [43 cm]
	Product Width	4.7 in [12 cm]
	Weight of Product	3 lb [1.4 kg]
Packaging Information	Package Height	2.5 in [64 mm]
	Package Length	8.5 in [21.7 cm]
	Package Width	17.7 in [44.9 cm]
	Shipping (Package) Weight	4.6 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.