StarTech.com
Hard-to-find made easy®

Data Sheet

16-Port USB-to-Serial Adapter Hub

Product ID: ICUSB23216FD



Here's an easy and cost-efficient way to add RS232 serial capability to your industrial setting. This 16-port USB-to-serial adapter hub 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 16 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 higher cost 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 ICUSB23216FD is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

RoHS & REACH DOWNLOAD DECLARATION

CE

CE

FC

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, bar code 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 16 RS232 serial port interfaces through a single USB port
- Connect multiple hubs together through daisy chain functionality
- 921.6Kbps baud per port
- 256-byte transmit, 128-byte receive FIFO
- Rack-mountable design
- COM port retention
- Extended operating temperature range: -40°C to 85°C (-40°F to 185°F)
- Durable all-metal chassis
- Low USB bandwidth consumption
- USB 2.0 compatible
- Fully integrated USB termination resistor
- Device supplied pre-programmed with unique USB serial number

	Warranty	2 Years
Hardware	Bus Type	USB 2.0
	Chipset ID	FTDI - FT232RL
	Interface	Serial
	Port Style	External Hub
	Ports	16
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 16 - 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, 2019 Mac OS® 10.6 to 10.14 Linux 2.4.x to 4.9.x *LTS Versions only*
Indicators	LED Indicators	16 - Data Receive 16 - Data Transmit
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	N
	Power Consumption (In Watts)	36
	Power Source	AC Adapter Included
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	Color	Black
	Enclosure Type	Steel
	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	3.4 lb [1.6 kg]
Packaging Information	Package Height	2.4 in [61 mm]
	Package Length	17.8 in [45.1 cm]
	Package Width	8.5 in [21.5 cm]
	Shipping (Package) Weight	5.1 lb [2.3 kg]
What's in the Box	Included in Package	1 - 16-port USB to RS232 hub 1 - USB 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, EU, UK, ANZ) 1 - driver CD 1 - terminal block plug 1 - quick-start guide

Product appearance and specifications are subject to change without notice.