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Data Sheet

16 Port Rackmount FTDI USB to Serial COM Adapter Hub - RS232 Multiplexer

Product ID: ICUSB23216F



The ICUSB23216F 16-Port Rack Mountable FTDI USB Serial Hub (FTDI) adds 16 RS232 Serial ports with data transfer rates up to 921.6 Kbps, for control by a desktop or laptop computer system using a single USB port.

This durable, hardened USB to RS232 hub offers an all metal chassis, which fits into standard 19-inch server storage racks for an organized industrial USB to COM port solution, and supports an extended -40°C to 85°C (-40°F to 185°F) operating temperature range that allows for reliable use in even the harshest environments.

The hub features COM port retention, retaining assigned serial COM port values, allowing the same values to automatically be re-assigned to the port provided by the adapter in the event it is disconnected, then re-connected to the host computer.

The USB-serial hub includes both an AC adapter and Terminal Block power options and features a reliable FTDI USB to serial chipset that offers simple installation into a broad range of operating systems including Windows®, Linux and Mac OS.

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

Certifications, Reports and Compatibility

RoHS Compliant Available

Applications

- Ideal for industrial automation on factory/manufacturing floors
- Full control of your server room serial components from a single device
- Control/monitoring of surveillance/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/card swipes, scales, and elevated displays on poles
- Bank teller workstations in either full profile or low profile versions, to control their serial devices such as cash drawers, card readers / card swipes, printers, keypads / pinpads, pen pads

Features

- 16 RS232 interfaces through a single USB port
- 921.6 Kbps baud per port
- 256-byte transmit, 128-byte receive FIFO
- Rack-mountable design
- COM port retention
- -40°C to 85°C (-40°F to 185°F) extended operating temperature range
- All metal chassis
- Includes AC Adapter, and Terminal Block power options

	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 Mac OS® 10.6 to 10.12 Linux 2.4.x to 4.4.x *LTS Versions only*
Indicators	LED Indicators	16 - Data Receive
		16 - Data Transmit
Power	Center Tip Polarity	Positive
	Input Current	0.8A
	Input Voltage	110V-240V AC
	Output Current	2.5A
	Output Voltage	12 DC
	Plug Type	N
	Power Consumption (In Watts)	30
	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 [45 mm]
	Product Length	16.9 in [430 mm]
	Product Weight	53.7 oz [1520 g]
	Product Width	4.7 in [120 mm]
Packaging Information	Shipping (Package) Weight	5.5 lb [2.5 kg]
What's in the Box	Included in Package	1 - 16 port USB to RS232 Hub 2 - DIN mount brackets 2 - Rack Mount Ears 1 - USB Cable 1 - Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.