

Technical Data Sheet Rev 06-251010

# USB to Serial 16 COM RS-232/422/485 Rack Mount Adapter

Model Number: USB-16COMi-RM



## Features

- Adds 16 serial ports (RS-232, RS-422 or RS-485) through a USB port
- External DIP switches for easy RS-232, RS-422, RS-485 mode settings
- RS-232 max baud rate up to 1Mbps / RS-422/485 max baud rate up to 10Mbps
- LEDs for Power, TxD and RxD for easy port monitoring and diagnostics
- Includes DIN rail brackets and rack-mounting kits for flexible mounting options

## Package Contents

- DIN rail bracket
- Mounting Bracket
- Power Cable
- Screw Pack
- USB Cable
- USB Serial Adapter

## Specifications

### OVERVIEW

<b>Model No</b>	USB-16COMI-RM	<b>Product Type</b>	USB Serial Adapter
<b>Compliance</b>	CE   FCC   REACH   RoHS   TAA	<b>UPC</b>	729440690991
<b>Country of Origin</b>	Taiwan	<b>LED indicators</b>	Power   TX/RX
<b>Chipset</b>	FTDI	<b>Electrical Protections</b>	15kV

### PHYSICAL

<b>Ship Weight (lbs)</b>	6 lbs	<b>Ship Weight (kg)</b>	2.72 kg
<b>Item Weight</b>	3.95 lbs	<b>Length</b>	16.94 inches
<b>Width</b>	5.82 inches	<b>Height</b>	1.73 inches
<b>Material</b>	Steel	<b>Color</b>	Black
<b>Mountable</b>	Din-Rail Mount   Rack Mount   Surface Mount		

## Specifications Cont.

### CONNECTIONS

<b>USB Specification</b>	USB 2.0
<b>Connector(s)</b>	DB9 Male w/ Nuts   USB 2.0 Type B Female
<b>Maximum Data Rate</b>	10 Mbaud

### SERIAL SPECS

<b>Maximum Data Rate</b>	10 Mbaud
<b>Minimum Data Rate</b>	300 baud/bps
<b>Data Bits</b>	7, 8
<b>Parity</b>	None, Even, Odd, Mark, Space
<b>Stop Bits</b>	1, 2
<b>Flow Control</b>	Hardware (RTS, CTS), XON/XOFF
<b>FIFO</b>	2k Bytes transmit and receive
<b>Serial Modes</b>	RS232   RS422   RS485
<b>RS232 Signals</b>	DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI
<b>RS422 Signals</b>	TxD-, TxD+, RxD+, RxD-
<b>RS485 2-wire Signals</b>	DATA-, DATA+, GND
<b>RS485 4-wire Signals</b>	TxD-, TxD+, RxD+, RxD-, GND

### ENVIRONMENTAL

<b>Operating Temperature</b>	0C ~ 60C
<b>Storage Temperature</b>	-40C ~ 85C
<b>Operating Humidity</b>	0% to 80% RH

### OS SUPPORT

<b>Supported Operating Systems</b>	Linux   OSX 10   Windows 11   Windows 10   Windows 8   Windows 7   Windows Vista   Windows XP
------------------------------------	---

### WARRANTY

<b>Warranty Period</b>	1 Year
------------------------	--------

### PRODUCT URL

<b>Product Page</b>	<a href="https://www.coolgear.com/product/metal-16-port-usb-to-rs-232422485-serial-adapter-metal-case-with-din-rail">https://www.coolgear.com/product/metal-16-port-usb-to-rs-232422485-serial-adapter-metal-case-with-din-rail</a>
---------------------	---

USB CHARGING & CONNECTIVITY EXPERTS



# We Speak Your Speak

When you reach out to Coolgear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

[Visit Support](#)