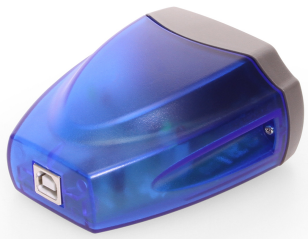
Single Port USB 2.0 to RS-422 / RS-485 DB-9 Serial Adapter



RS-422 | RS-485 | 128 Bytes Receive | 256 Bytes Transmit | FTDI

Model No. **USB-COMi**

- **Expand Your Serial Capabilities:** The Mini Serial Adapter can be utilized through an existing USB Port to work with your legacy serial connections. It's great for newer technologies with no serial port connections.
- **Safe Connections:** Designed with a unique system load reduction feature, the USB to Serial Adapter also offers 15kV surge protection for connected devices.
- **Upstream:** 1 USB port, Type B Female Connector
- **Downstream:** 1 Male DB9, w/ nuts
- **RS-422 Signals:** TxD-, TxD+, RxD+, RxD-, GND, RTS-, RTS+, CTS+, CTS-
- **RS-485 Signals:** TxD-, TxD+, RxD+, RxD-, GND
- **Transmit Buffer:** 256 Bytes
- **Receive Buffer:** 128 Bytes

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Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

1-727-209-1300 (Local) expert@coolgear.com

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

We're Ready For Integration, Every Time. - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

Within every great machine, lives Coolgear. - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

Advanced Engineering - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

PRODUCT SPECIFICATIONS

Looking for product documentation?
View CAD Models, Data sheet and Drawings here >

Environmental	**Operating Temperature**	0°C to 55°C (32°F to 131°F)
	Storage Temperature	-20 to 75°C (-4 to 167°F)
	Humidity	5% ~ 95% (non-condensing)
Performance	**ESD Protection**	15KV Surge Protection
	Max Data Transfer Rate	12Mbps
Hardware	**Chipset**	FTDI
	LED Indicators	TX / RX
Product Information	**Warranty**	1 year from date of purchase
Power	**Adapter Power**	USB Bus Powered
	Power Source	USB Connector
	External Power Required	No
Software	**OS Support**	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
Serial Attributes	**RS Signals**	TxD-, TxD+, RxD+, RxD-, GND, TxD-, TxD+, RxD+, RxD-, GND, RTS-, RTS+, CTS+, CTS-
	Serial Standards	RS422, RS485
	Baud Rate	921.6K bps
	FIFO Receive	128 bytes
	FIFO Transmit	256 bytes
	Data Bits	7, 8
	Parity	None, Even, Odd, Mark, Space
	Stop Bits	1, 2
	Flow Control	Hardware (RTS, CTS), XON/XOFF
USB	**USB Type**	USB 2.0
	Screw Lock Compatible	Yes
Mechanical	**Color**	Blue/Gray
	Item Dimensions (L × W × H)	3.30 × 2.87 × 1.62 in.
	Item Weight	0.181 lbs.
	Ports	1 Serial Port
	Material of Construction	Plastic
Compliance	**Country of Origin**	Taiwan
	Compliance	RoHS, TAA
Other Data	**Connector**	DB9 Male w/ Nuts
	Chip Model	FT231XQ-R, MAX3089E
	Weight	.65 lbs
	Dimensions	4 × 4 × 2.5 in

Ready to Buy? Let's get to work!

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*orders placed prior to 3:30pm EST

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