

USB to 2-Port RS-232 Adapter

The USB to 2-port RS-232 Adapter is a low-cost, high-performance device. It operates as a bridge and provides easy connectivity between one USB port and 2 serial ports. The serial port can be configured as an asynchronous and synchronous UART interface and can support flow control. It is designed to be compliant with a variety of applications, including COM port replication, and is ideally suited for many peripherals like POS terminals, Barcode readers, Printers, Gaming consoles, Medical devices, Modem, Serial Mouse, Industrial meters, PDA, GPS, etc.

Features

- Fully Compliant with USB Specification 1.1 / 2.0
- Supports the synchronous and asynchronous serial interfaces.
- Supports data transfer rate up to 230 kbps
- Supports remote wake-up and power-on-reset
- Supports $\pm 15\text{kV}$ HBM ESD protection
- 512 byte receive buffer and 512 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput.
- Compatible with Windows XP / Vista / 7 / 8 / 8.1 / 10 / 11, Windows Server 2012 / 2012R2 / 2016 / 2019 / 2022 ; Mac OS 10.3 to 10.15 / 11 ; Linux OS 3.2 or higher

Specification

Model No.		UMC-102XS	Pin Assignment	
Chip		FTDI	Pin No.	Definition
Data Transfer Rates		Up to 230 kbps	1	DCD
LED		5 (TX / RX / Power)	2	RxD
Connector	Host	USB A Male	3	TxD
	Device	DB-9 Male x 2 (Hex Nut)	4	DTR
Environment	Operating Temp.	0 °C ~ 40 °C	5	GND
	Storage Temp.	-20 °C ~ 60 °C	6	DSR
	Humidity	0~80% RH, Non-condensing	7	RTS
Cable Length		0.6m	8	CTS
Housing		Plastic	9	RI

* Note: it may connect to a serial device at a time, with pushing the specified Reset Button for detecting.

