

USB to RS-232 Adapter

The USB to RS-232 Adapter is a low-cost, high-performance device. It operates as a bridge and provides easy connectivity between one USB port and serial port. 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 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-201XS		Pin Assignment	
Chip	FTDI		Pin No.	Definition
LED	3 (TX / Power / RX)		1	DCD
Connector	Host	USB A Male	2	RxD
	Device	DB-9 Male (Hex Nut)	3	TxD
Power Consumption	40Ma		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	1.1m		8	CTS
Housing	Plastic		9	RI

