

# 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 serial 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 data transfer rates up to 1Mbps.
- Supports the asynchronous serial interfaces.
- Supports remote wake-up and power-on-reset.
- Supports  $\pm 4\text{kV}$  HBM ESD protection.
- 768 byte receive buffer and 256 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput.
- Compatible with Windows 2000 / XP / Vista / 7 / 8 / 8.1 / 10 / 11; Windows Server 2008 / 2008R2 / 2012 / 2012R2 / 2016 / 2019 / 2022 ; Mac OS 9.x / 10.x / 11 / 12 / 13 ; Linux Kernel V2.6.15 or higher.

## Specification

Model No.		UMC-211GT	Pin Assignment	
Chip		Prolific	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
Data Transfer Rates		1Mbps	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

