



UTS2009GC

2 port USB-to-RS-232 Adapter



Introduction

SUNIX UTS2009GC ComHub transforms your Universal Serial Bus (USB) port into asynchronous RS-232 serial COM ports for communication with RS-232 devices. The USB-RS232 adapter is compatible with USB 3.0, 2.0 and 1.1 specifications with serial ports communication speed up to 115.2 Kbps. UTS2009GC ComHub provides a quick, simple and cost-effective solution to bring the advantages of serial communicating for kinds of commercial and industrial automation applications.

Features

- Expands two RS-232 serial COM ports through USB interface.
- Supports Universal Serial Bus Plug-n-Play and Hot-Swapping feature.
- No IRQ, DMA, I/O address resource required.
- Supports USB 1.1 full speed 12Mbps and USB 2.0/3.0/3.1 compatible.
- Each serial port provides transmission rate up to 115.2Kbps.
- Built-in $\pm 15KV$ ESD protection for all serial signals.
- Compact Size and low power consumption.
- Supports both USB bus power mode without additional external power.
- Certified by CE, FCC, RoHS, and Microsoft WHQL approval.
- Operation system supports Microsoft Windows, Mac and Linux.

Specifications

USB Communication

Interface	Universal Serial Bus (USB)
Controller	Prolific PL2303GC
Performance	USB 1.1 full speed 12Mbps
Receptacle Type	USB 2.0/3.0/3.1 compatible.

Serial Communication

Interface	RS-232
No. of Port	2-port: USB to 2-port RS-232
Baud rate	50bps ~115.2Kbps
Signal	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
FIFO	16 byte Hardware
Data bit	5, 6, 7, 8
Stop bit	1, 1.5, 2
Parity	even, odd, none, mark, space
Flow Control	None, Xon/Xoff, RTS/CTS
No. of Port	2-port: USB to 2-port RS-232 Model
Protection	±15KV ESD protection for each signal Human Body Model ±15KV IEC1000-4-2 Air Gap Discharge ±8KV ESD IEC61000-4-2 Contact Discharge
Receptacle Type	D-Sub 9-pin Male

Driver Support

Microsoft Client	7 / 8.x / 10 (X86/X64)
Windows Server	2008R2 / 2012/2016(X64)
Windows Embedded	Windows Embedded CE, Windows CE
Linux	Linux 2.6.x or later
MAC	Mac OS X

Power

Input	USB Bus-power 5VDC
Standby Power Consumption	0.35W
Working Power Consumption	0.485W

Regulatory Approvals

Hardware	CE, FCC, BSMI, VCCI
Software	Microsoft WHQL Windows

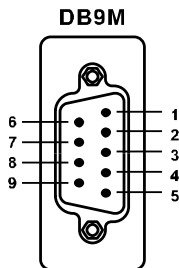
Environment

Operation Temperature	0 to 60°C (32 to 140°F)
Operation Humidity	10 to 80% RH
Storage Temperature	-20 to 85°C (-4 to 185°F)

Dimension

PCB Dimension	75 (W) x 40 (D) x 22 (H) mm
Cable Length	1500 mm (5ft)

Pin Assignment



PIN	DB9M
DCD	1
RxD	2
TxD	3
DTR	4
GND	5
DSR	6
RTS	7
CTS	8
RI	9

Package List

- UTS2009GC - 2 port USB-to-RS-232 Adapter