

Dual RS232 USB Adapter with 2-Port USB Hub

Industrial-Grade Dual RS232 Adapter with 2-Port USB Hub for Multi-Device Integration

Model No.: USBH232-MF2U

Version: v2.0

flykantech.com introduces the Dual RS232 USB Adapter with a built-in 2-Port USB 2.0 Hub, enabling connection of multiple serial devices and peripherals through a single host interface. Ideal for industrial control, device debugging, POS integration, and data communication, this compact solution reduces external hubs and optimizes USB port usage for space-constrained, device-dense setups.

Each RS232 port uses an independent architecture for stable, simultaneous operation, with per-port TX/RX/PWR LEDs for real-time diagnostics. Housed in a durable metal enclosure and powered via a single USB Type-B interface, the adapter offers reliable connectivity and supports Windows, Linux, and macOS environments.



Features

- 2 x Independent DB9 RS232 Ports
- 2 x 9-Pin RS232 Ports (1 x Male, 1 x Female)
- LED Indicators – TX/RX/PWR for each port
- No I/O or IRQ Required – Plug-and-play
- High-Speed Serial – Up to 921.6 Kbps
- 512-Byte FIFO Buffer – Efficient data transfer
- Odd/Even/Mark/Space/None parity, 5-8 data bits
- USB Bus-Powered – No external power needed
- Cross-Platform – Windows, macOS, Linux

Applications

- Industrial Automation with Dual Serial Devices
- Device Debugging Requiring Two RS232 Connections
- Embedded Systems Needing Two Serial Interfaces
- Data Acquisition from Dual Serial Sources
- POS Systems with Multiple Serial Peripherals

Technical Specifications

Connector A	User-Replaceable USB Cable
Connector B	2 x DB-9 (9 pin, D-Sub), Male
Chipset ID	Prolific - PL2303GC
LED indicators	3 x LEDs (Each Port)
Industry Standards	USB 1.1/2.0 / RS232
Serial Protocol	RS-232
Max Baud Rate	921.6 Kbps
Data Bits & FIFO	4, 5, 6, 7, 8 192 Bytes
Flow Control	None, Xon/ Xoff, Hardware
Parity	None, Even, Odd, Mark, Space
Stop Bits	1, 1.5, or 2 stop bits
Material	Metal
Cable Length	(Optional)
Product Size / W	11 x 7 x 3cm App. 200g
Certificates	FCC CE ROHS

Related Products

USB232A-B	1-Port USB to RS232 w/ 3 LED	2016
USB232A-E	1-Port USB to RS232 w/ 9 LED	2021
4XRS232	4-Port USB to RS232 Hub	2021
RS Gender Changer		
RD232F2F	RS232 Gender Changer (F/F)	-
RD232M2M	RS232 Gender Changer (M/M)	-
Console Cable		
U2RJ45-FT181	USB RJ45 Cisco console cable	2020
Null Modem		
NM232F2F/NM232M2M		-

Accessories

Note 1 - The total USB cable length should not be > 5m due to USB 2.0's Limitation.

Note 2 - Cannot be used with serial mouse or keyboard.

Note 3 - The 2XRS232 doesn't support all Printers w/ Serial Interface. (Some branded has their own configurations.)