# 4 port USB Serial Adapter w/ Isolation and Surge Protection

**Model Number: CM-41042**



This CM-41042 RS232 to USB Multi Serial Port Adapter is an intelligent module that connects to a PC or server via the Universal Serial Bus (USB), providing high-speed serial connectivity. The serial ports are fully optically isolated and surge protected. With its rigid metal case, it is an ideal solution for most critical applications.

## Features

- TAA Compliant.
- Provides 4 serial port RS232 ports over USB.
- Provides 4 DSUB-9 Connectors.
- Supports 3-wire RS232 Signals (TxD, RxD, GND).
- Baud Rate from 300 Bps to 921.6Kbps.
- Supports 7, 8 Data Bits
- Odd, Even, Mark, Space, or None parity mode.
- Supports 1, or 2 Stop Bits.
- Provides 2,500Vrms Optical Isolation.
- Built-in Bi-direction Surge Protection Circuits.
- Supports USB Bus Power.
- DC Jack for Optical DC 5V Power Input.
- Support Win98, XP, CE, Win2000, 2003.

## Product Information

- **Model Number:** CM-41042
- **Packing List:**
  - USB to Serial 4 Port RS-232 Adapter
  - Power Adapter & Cord
  - Driver Disk
  - Paper Manual
- **Optional Accessories:** N/A

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## Specifications

### Overview

| | |
|---|---|
| Interface | USB to Serial |
| Port Connections | 4x DB-9 Male / 1USB Type-B Female |
| USB Speed | USB 1.0 / 1.1 compliant, USB 2.0 compatible |
| Protocol | RS-232 |
| Baud Rate | up to 921.6K bps |
| Protections | 2500Vrms Optical Isolation and Bi-Directional Surge Protection |
| Color | Black |
| Compliance | TAA |

### Physical Features

| | |
|---|---|
| Construction | Metal |
| Dimensions | 6.83"(L) x 3.83"(W) x 1.70"(H) |
| Weight | .912 lbs |
| OS Support | Windows XP, Vista, Windows 7, Windows 8, and Windows 10, Linux and Mac OS 10.X |
| Current Certifications | CE, FCC, RoHS |

### Power Requirements

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|---|---|
| 1 | Power solely from USB Bus. No external power supply needed |
| 2 | A +5V DC Jack Input for supporting power over DB9-Male applications |

### Signals

| | |
|---|---|
| 3-Wire RS-232 | TXD, RXD, GND |

### Serial COM Parameters

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|---|---|
| Data Bits | 7, 8 |
| Stop Bits | 1, 1.5, 2 |
| Parity | Odd, Even, Mark, Space, or None |
| FIFO | 512-Byte Deep FIFOs for each Port |
| Data Rates | 75 bps to 921.6Kbps |

### Environment

| | |
|---|---|
| Operating Temperature | 0 to 55°C (32 to 131 °F) |
| Operating Humidity | 5 to 95% RH |

### General Applications

| | |
|---|---|
| Applications | Remote Access, Retail & Industrial Data Center, Modem, POS, Printer, BarCode Scanners, Time Clocks – Industrial serial RS-232 protocol applications |

### Product URL

| | |
|---|---|
| CM-41042 product page | https://www.coolgear.com/product/4-port-usb-serial-adapter-w-isolation-and-surge-protection |

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