

USB-4604B USB-4604BM



RoHS
COMPLIANT
2011/65/EU

CE FCC

4-port RS-232 Serial to USB Converter

4-port RS-232/422/485 Serial to USB Converter

Features

- Full compliance with USB V1.1 and V2.0 specifications
- RS-232/422/485 port supported
- Transmission speed up to 921.6 kbps
- Automatic RS-485 data flow control
- Bus-powered; no need for external power supply
- Plug & Play installation
- No additional IRQs or I/O ports required
- EMC Level 4 protection

Introduction

USB-4604 series allows PC users to connect a serial device to a system that use a USB interface. To attach the USB-4604B/4604BM to a PC, you don't need to open the chassis or power down your PC. Instantly get extra high-speed RS-232/422/485 ports. The power is derived from the USB port, so there are no power adapters to deal with. This makes the USB-4604B/4604BM especially suitable for modems, printers, POS systems and industrial control devices.

Supporting USB2.0 high speed, USB-4604B/4604BM features several powerful functions such as high-speed 921.6 kbps transmission, support for various operating systems, independent RS-232/422/485 ports and more. By simply plugging in a USB hub, USB-4604B and USB-4604BM eliminates the configuration issues associated with high-priced, older card solutions. You only have to install the drivers, no need to set cards slots, IRQ addresses, DMA channels, or device addresses. This reduces programming effort.

Specifications

General

- Certifications CE, FCC (Class A)
- Connectors 1 x USB Type B (Type A to Type B cable provided)
4 x DB9
- Enclosure ABS+PC
- USB Cable Max. 15ft (4.6 m)

Power Requirements

- Power Input 12 to 48 V_{DC} (external) or 5 V_{DC} (Bus powered)
- Power Consumption 130 mA @ 5 V (Typical)
200 mA @ 5 V (Max.)

Special Communications

- Port Type RS-232/422/485, software selectable
- No. of Ports 4
- Port Connector DB9 male
- Data Bits 5, 6, 7, 8
- Stop Bits 1, 2
- Parity None, Odd, Even, Space, Mark
- Flow Control XON/XOFF, RTS/CTS
- Baud Rate 50 bps ~ 921.6 kbps, any baud rate setting
- Serial Signals RS-232: TxD, RxD, CTS, RTS, DTR, DSR, DCD, RI, GND
RS-422: TxD+, TxD-, RxD+, RxD-, GND
RS-485: Data+, Data-, GND
- Protection 15 KV ESD for all signals

Mechanism

- Dimensions 132 x 80 x 32 mm
- Enclosure ABS+PC
- Mounting DIN-rail, panel

Software

- Driver Support Windows XP/7/8/8.1, Windows Server 2008/2012/2012 R2

Environment

- Operating Temperature -40 ~ 75°C (-40 ~ 167° F)
- Storage Temperature -40 ~ 80° C (-40 ~ 176° F)
- Operating Humidity 10 ~ 95% RH

Regulatory Approvals

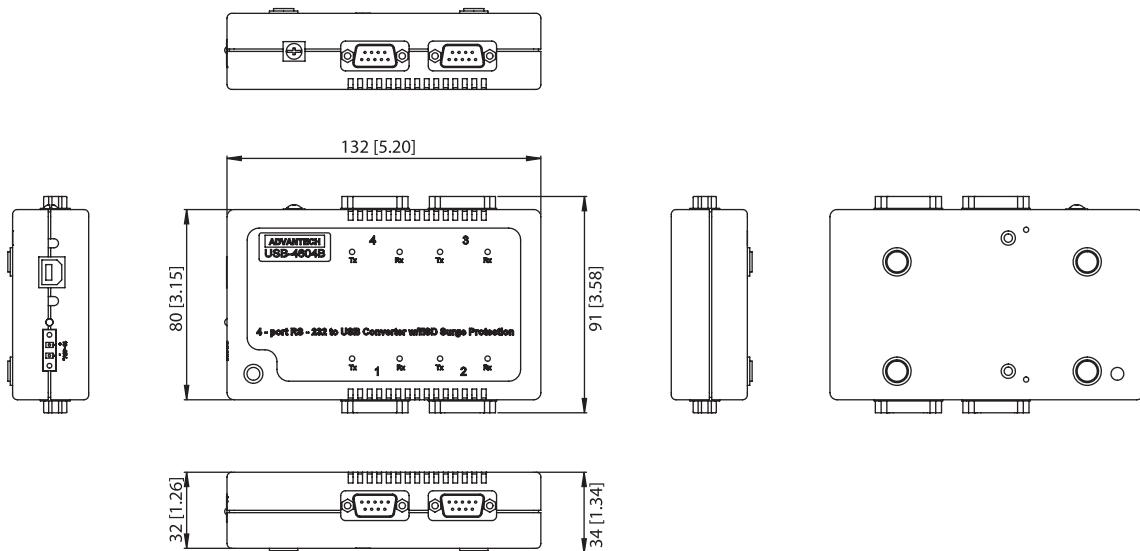
- EMC CE, FCC Part 15 Subpart B (Class A)

USB-4604B USB-4604BM

Dimensions

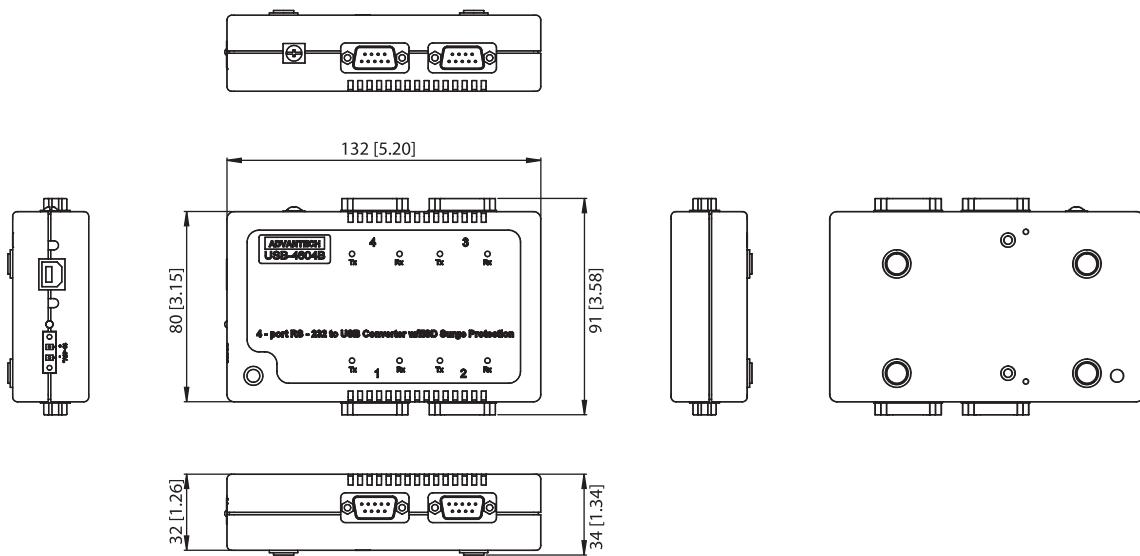
Unit: [mm]

USB-4604B



Panel Cut-out Dimensions: 132 x 80 x 32 mm (5.2" x 3.15" x 1.26")

USB-4604BM



Panel Cut-out Dimensions: 132 x 80 x 32 mm (5.2" x 3.15" x 1.26")

Ordering Information

- **USB-4604B**
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- **USB-4604BM**
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