

# Delock Adapter USB 2.0 Type-A male to 1 x Serial RS-232 D-Sub 9 male with screws and nuts ESD protection

## Description

This USB 2.0 to RS-232 adapter by Delock provides a flexible DB9 connection with matching screws and nuts for the operation on serial controllers, printers, measuring instruments, IoT devices, etc. A built-in ESD protection prevents the destruction of the electronic components.



1,3 m

**Item no. 64222**

EAN: 4043619642229

Country of origin: China

Package: Retail Box

## Technical details

- Connectors:
  - 1 x USB 2.0 Type-A male
  - 1 x serial RS-232 DB9 male
- Chipset: Prolific PL2303 GC
- Data transfer rate up to 921.6 Kbps
- FIFO: 1024 Byte buffer bi-directional
- Parity: even, odd, none, mark, space
- Stop bit: 1, 1.5, 2
- Data bit: 5, 6, 7, 8
- Flow control: none, Xon / Xoff, RTS / CTS
- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
- Compatible with USB 3.0, USB 2.0, and USB 1.1 full speed 12 Mbps
- Cable length incl. connectors: ca. 130 cm

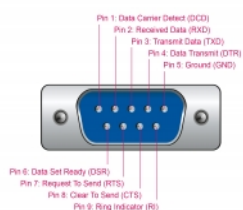
## System requirements

- Linux Kernel 3.3 or above
- Windows 10/10-64/11
- PC or laptop with a free USB Type-A port

## Package content

- USB 2.0 to 1 x serial adapter
- 2 x screw
- Driver CD
- User manual

## Images



## General

|                             |                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function:                   | Plug & Play                                                                                                                                                           |
| Specification:              | RS-232 (EIA / TIA)<br>USB 1.1<br>USB 2.0                                                                                                                              |
| Supported operating system: | Linux Kernel 3.3 or above<br>Windows 10 32-Bit<br>Windows 10 64-Bit<br>Windows 7 32-Bit<br>Windows 7 64-Bit<br>Windows 8.1 32-Bit<br>Windows 8.1 64-Bit<br>Windows 11 |
| Protection:                 | ESD (Electrostatic Discharge)                                                                                                                                         |

## Interface

|              |                            |
|--------------|----------------------------|
| Connector 1: | 1 x USB 2.0 Type-A male    |
| Connector 2: | 1 x Serial RS-232 DB9 male |

## Technical characteristics

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| Chipset:               | Prolific PL2303 GC                                           |
| Data transfer rate:    | up to 921.6 Kbps                                             |
| FIFO:                  | 1 kByte                                                      |
| Converter type:        | active                                                       |
| Operating temperature: | 0 °C ~ 60 °C                                                 |
| Humidity:              | 5 ~ 95 %                                                     |
| Signal transmission:   | TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND                   |
| Data transmission:     | asynchronous<br>full duplex<br>Bi-directional<br>Half duplex |

|            |                    |
|------------|--------------------|
| UART:      | USB to serial UART |
| Data bits: | 5, 6, 7, 8         |
| Stop bits: | 1, 1.5, 2          |

## Physical characteristics

|                               |                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Cable type:                   | AWM STYLE 21100                                                                                                               |
| Cable colour:                 | black                                                                                                                         |
| Cable length:                 | 1.2 m                                                                                                                         |
| Cable length incl. connector: | 1.3 m                                                                                                                         |
| Screw type:                   | #4-40 UNC                                                                                                                     |
| Colour:                       | black                                                                                                                         |
| Overvoltage protection:       | ±15 kV ESD Human Body Model (HBM)<br>±15 kV EN / IEC61000-4-2 Air Gap Discharge<br>±8 kV EN / IEC 61000-4-2 Contact Discharge |