

# Delock Adapter USB Type-C™ to 2 x Serial RS-232 DB9 with 15 kV ESD protection

## Description

This USB Type-C™ to serial adapter by Delock provides two RS-232 DB9 interfaces for printers, measuring instruments, controllers, IoT devices etc. At each of the RS-232 ports three LEDs indicate the transmission and reception status as well as the USB power.



**Item no. 90494**

EAN: 4043619904945

Country of origin: Taiwan,  
Republic of China

Package: White Box

## Technical details

- Connectors:
  - 1 x USB Type-C™ male
  - 2 x serial RS-232 DB9 male
- Serial connector with nuts
- Chipset: FTDI FT231XS
- Data transfer rate up to 460.8 Kbps
- FIFO: 512 Byte - RX
- FIFO: 512 Byte - TX
- Databits: 7, 8
- Stop bits: 1, 2
- Parity: even, odd, none, mark, space
- Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
- LED colour: red, orange, green
- ±15 kV ESD protection for all serial signals
- Operating temperature: -40 °C ~ 85 °C
- Cable length without connectors: ca. 35 cm

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## System requirements

- Linux Kernel 4.9 or above
- Mac OS 10.15 or above
- Windows 8.1/8.1-64/10/10-64/11
- PC or laptop with a free USB Type-C™ or Thunderbolt™ 3 port

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## Package content

- USB Type-C™ to 2 x serial adapter
- Driver CD
- User manual

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## Images



## General

Function:	Plug & Play
Specification:	RS-232 (EIA / TIA) USB Type-C™
Supported operating system:	Linux Kernel 2.6 or above Mac OS 10.13 or above Windows 10 32-Bit Windows 10 64-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8.1 32-Bit Windows 8.1 64-Bit Windows 11
LED indicator:	PWR / RXD / TXD
Protection:	ESD (Electrostatic Discharge)

## Interface

Output:	2 x serial RS-232 DB9 plug
Input:	1 x USB Type-C™ male

## Technical characteristics

Operating voltage:	5 V / 90 mA
Chipset:	FTDI FT231XS
Data transfer rate:	up to 460,8 Kbps
FIFO:	2 x 512 Byte
Signal transmission:	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
Data transmission:	asynchronous full duplex Bi-directional
UART:	USB to serial UART
Data bits:	7, 8

## Physical characteristics

Housing material:	Plastic (ABS)
Weight:	62 g
Cable type:	UL Recognized Component UL AWM 2725 80 °C 30V
Cable colour:	black
Cable length incl. connector:	45 cm 35 cm
Pin finishing:	gold-plated
Conductor gauge:	28 AWG data line 26 AWG power line
Shielding:	double
Colour:	black
Overvoltage protection:	15 kV
Thread type:	4-40#
Insulator:	PVC
LED colour:	red green orange
Cable diameter:	4.5 mm