

# Delock PCI Express x1 Card to 16 x Serial RS-232 High Speed ESD protection

## Description

The PCI Express card by Delock expands the PC by **16 High Speed RS-232 ports**. These 16 ports are led out from the card by two **Fan-Out Cables**. Via the RS-232 ports, devices such as printers, cash register systems, measuring instruments, machines etc. can be connected.

With the help of the **Plug and Play** support, the PCI Express card is installed by the operating system and the connected devices are automatically recognized. The **ESD Overvoltage Protection** and an **Extended Temperature Range** complete this card, which thus represents a reliable solution for many RS-232 devices.

### High Speed RS-232 Ports

The data rate per port is up to 921.6 Kbps.

### Fan-Out Cable

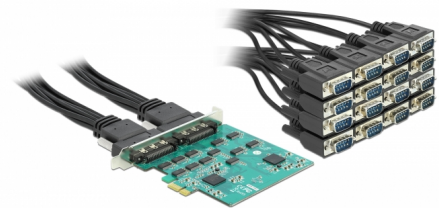
The fan-out cables with VHDCI connector to D-Sub9 connector allow maximum flexibility at the RS-232 ports.

### ESD Overvoltage Protection

The protection against electrostatic discharge (ESD) is up to 15 kV.

### Extended Temperature Range

Only very high-quality components with extended operating temperature range are used on the PCI Express card.



-30°C +75°C

## Item no. 90501

EAN: 4043619905010

Country of origin: Taiwan,  
Republic of China

Package: Retail Box

## Specification

- Connectors:
  - external:
    - 2 x VHDCI 68 female
    - connecting cable: VHDCI 68 male > 8 x serial RS-232 DB9 male
  - internal:

- 1 x PCI Express x1, V1.1
- Chipset: MaxLinear XR17V358
- Compatible with 16C550 UART
- Data transfer rate up to 921.6 Kbps
- FIFO: 16 x 256 byte
- Databits: 5, 6, 7, 8
- Stop bits: 1, 1.5, 2
- Parity: even, odd, none, mark, space
- Flow control: none, hardware RTS / CTS, software XON / XOFF
- $\pm 15$  kV ESD protection for all serial signals
- Operating temperature:  $-30^{\circ}\text{C} \sim 75^{\circ}\text{C}$
- Relative humidity: 0 - 95 % (non condensing)
- Cable length incl. connectors: ca. 40 cm
- Dimensions (LxW): ca. 100.0 x 102.5 mm

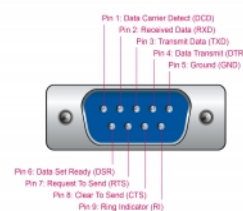
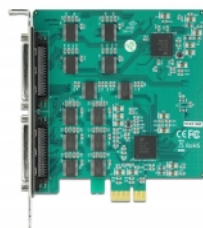
## System requirements

- Windows 8.1/8.1-64/10/10-64/11
- PC with one free PCI Express slot

## Package content

- PCI Express card
- 2 serial connecting cable
- Driver CD
- User manual

## Images



## General

|                             |  |
|-----------------------------|--|
| Function:                   | Plug & Play  |
| Specification:              | RS-232 (EIA / TIA)<br>PCIe 1.1   |
| Supported operating system: | Windows 10 32-Bit<br>Windows 10 64-Bit<br>Windows 8.1 32-Bit<br>Windows 8.1 64-Bit<br>Windows 11 |
| Slot:                       | PCIe   |
| Protection:                 | ESD (Electrostatic Discharge)  |

## Interface

|           |   |
|-----------|---|
| External: | 8 x serial RS-232 DB9 Plug<br>2 x VHDCI-68 female |
| Internal: | 1 x PCI Express x1, V1.1                          |

## Technical characteristics

|                        |   |
|------------------------|---|
| Chipset:               | Maxlinear XR17V358<br>SP3243EUEA  |
| Data transfer rate:    | 75, 110, 134, 150, 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 10000, 14400, 19200, 25000, 38400, 50000, 57600, 100000, 115200, 128000, 200000, 230400, 250000, 460800, 500000, 921600 and more |
| FIFO:                  | 16 x 256 Byte   |
| Operating temperature: | -30 °C ~ 75 °C  |
| Humidity:              | 0 ~ 95 %  |
| Signal transmission:   | TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND  |
| Data transmission:     | asynchronous<br>Bi-directional<br>full duplex   |
| UART:                  | 16C550  |

|            |            |
|------------|------------|
| Data bits: | 5, 6, 7, 8 |
|------------|------------|

## Physical characteristics

|                               |           |
|-------------------------------|-----------|
| Cable colour:                 | black     |
| Cable length incl. connector: | 40 cm     |
| Screw type:                   | #4-40 UNC |
| Length:                       | 100 mm    |
| Width:                        | 102.5 mm  |
| Colour:                       | green     |