

Delock PCI Express x1 Card to 2 x Serial RS-422/485 with 15 kV ESD protection

Description

The PCI Express card by Delock expands a PC by two external serial RS-422/485 ports. Devices such as scanners, protocol converters, POS systems, infrared -, IoT - devices etc. and different modes can be used.

The PCIe card supports 2- and 4-wire operation at both connections for RS-422 and RS-485 devices. In addition, the integrated terminating resistors can optionally be activated, thus avoiding unwanted signal interference.

RS-422 or RS-485 settings

The settings can be set with jumpers on the PCIe card and provide the modes Auto Detect, RS-422 and RS-485 4-wire full duplex and RS-485 2-wire half duplex operation.

Low Profile Form Factor

By using the included low profile bracket, the PCI Express card can be also installed into a Mini-PC.



Item no. 90048

EAN: 4043619900480

Country of origin: China

Package: Box

Technical details

- Connectors:
 - external: 1 x DB44 female
 - connecting cable: DB44 male > 2 x serial RS-422/485 DB9 male
 - internal: 1 x PCI Express x1, V2.0
- Chipset: MaxLinear XR17V352, SP3078E
- Data transfer rate up to 1 Mbps
- FIFO: 256 byte
- Compatible with 16C550 UART
- Data bit: 5, 6, 7, 8
- Stop bit: 1, 1.5, 2
- Parity: even, odd, none, mark, space
- Flow control: XON / XOFF, RTS / DTR, CTS / DSR
- RS-485 automatic half duplex data flow control
- Protection for open, short-circuited or terminated input lines

- Status LEDs: TX, RX
- ± 15 kV ESD protection on all signal pins (HBM)
- ± 15 kV IEC 61000-4-2 Air Gap Discharge
- ± 8 kV IEC 61000-4-2 Contact Discharge
- I/O address and IRQ assigned by BIOS
- Optional termination resistor 120 ohms

System requirements

- Linux Kernel 2.6 or above
- Windows 8.1/8.1-64/10/10-64/11
- PC with one free PCI Express slot

Package content

- PCI Express card
- 1 serial connecting cable
- Low profile bracket
- 4 x jumper
- Driver CD
- User manual

Images



General

Form factor:	Low Profile
Specification:	RS-422 / RS-485 (EIA / TIA) PCI Express 2.0
Supported operating system:	Linux Kernel 2.6.38 or above Windows 10 32-Bit Windows 10 64-Bit Windows 8.1 32-Bit Windows 8.1 64-Bit Windows 11
Slot:	PCIe
Protection:	ESD (Electrostatic Discharge)

Interface

External:	2 x serial RS-232 DB9 Plug
Internal:	1 x PCI Express x1, V2.0

Technical characteristics

Chipset:	MaxLinear XR17V352
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, 1000000, 1152000 and more
FIFO:	2 x 256 Byte
Jumper:	6 x
Signal transmission:	Tx+, Tx-, Rx+, Rx-, GND
Data transmission:	Bi-directional Half duplex full duplex differential
UART:	16C550

Resistor:

Terminalresistor 120 Ω ON/OFF

Physical characteristics

Slot bracket:	Low Profile standard
Colour:	black