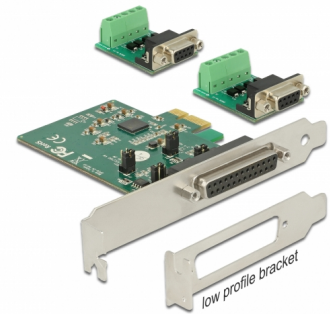# Delock PCI Express x1 Card to 2 x Serial RS-422/485 ESD protection optional surge protection

Description

This RS-422/485 PCI Express card by Delock is suitable for industrial fieldbus systems, machine controllers, converters, measurement data acquisition etc. With its extensive overvoltage protection and the extended operating temperature range, this card is also highly suitable for use in demanding environments. By using the included low profile brackets, the PCI Express card can be also installed into a Mini-PC.

Item no. 65841

EAN: 4043619658411

Country of origin: Taiwan, Republic of China

Package: Box

Specification
• Connection:
  internal: 1 x PCI Express x1, V2.0
  external: 1 x DB25 female
  Connection cable: 1 x DB25 male > 2 x Serial RS-422/485 DB9 male
• Chipset: Exar XR17V352, SP3078E
• Modes
  2 Wire RS-485 (max. 32 devices)
  4 Wire RS-422 Point to Point
  4 Wire Multi-Drop RS-485 and RS-422 (max. 10 devices)
• Compatible with 16C550 UART
• Data transfer rate up to 1 Mb/s
• FIFO buffer: 256 byte
• Data bits: 5, 6, 7, 8
• Stop bits: 1, 1.5, 2
• Parity: even, odd, none, mark, space
• ±15 KV ESD protection, on all signal pins
• 2 x Terminal block with surge protection, 600 W peak pulse
• Cable length inkl. connectors: ca. 30 cm
• Operation temperature: -30 °C ~ 75 °C
• Humidity: 5 ~ 95 %
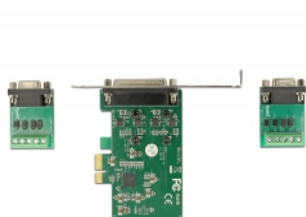• Dimensions (LxWxH): ca. 91 x 64 x 12 mm

System requirements

- Windows 7/7-64/8/8-64/8.1/8.1-64/10/10-64/11/Server 2012R2/Server 2016
- PC with a free PCI Express slot

Package content

- PCI Express card
- 1 x DB25 cable
- 1 x Low profile bracket
- 2 x DB9 > 5 pin terminal blocks
- 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:	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 Server 2012 R2 Windows Server 2016 Windows 11
Protection:	Input overvoltage protection ESD (Electrostatic Discharge)

Interface

Connector 1:	1 x RS-422 / RS-485
Connector 2:	1 x RS-422 / RS-485
External:	1 x DB25
Internal:	1 x PCI Express x1, V2.0

Technical characteristics

Chipset:	Exar 17V352
Data transfer rate:	up to 921.6 Kbps
FIFO:	256 Byte
Jumper:	4 x
Operating temperature:	-30 °C ~ 75 °C
Humidity:	5 ~ 95 %

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Data transmission:	asynchronous Half duplex full duplex
UART:	16C550

Physical characteristics

Cable colour:	black
Cable length incl. connector:	30 cm
Slot bracket:	Low Profile standard
Depth:	12 mm
Width:	91 mm
Height:	64 mm
Colour:	green