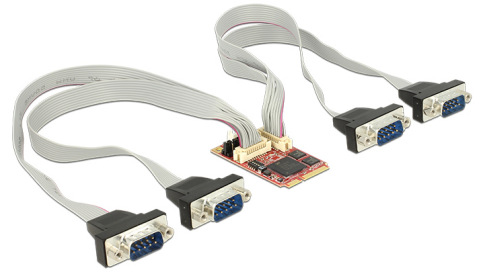


Delock Modul MiniPCIe I/O PCIe full size 4 x Serial RS-232/422/485 -40 °C ~ 85 °C

Description

This MiniPCIe adapter by Delock expands a system by four additional serial ports. The adapter is ideal for use in harsh environments and has an **extended temperature range of -40 °C ~ 85 °C**.



Item no. 95250

EAN: 4043619952502

Country of origin: Taiwan,
Republic of China

Package: Box

Technical details

- Connector:
4 x serial RS-232/422/485 DB9 male with screw nuts
- Chipset: EXAR XR17V354
- Form factor: MiniPCIe full size
- Interface: PCI Express Revision 2.0
- Data transfer rate up to 25 Mbps
- Switchable voltage: 5 V / 12 V / RI
- Compatible with 16C550 UART
- Maximum power consumption: 0.5 W (3.3 V x 150 mA)
- Vibration: 5 G @ 7~2000 Hz
- Shock: 50 G @ 0.5 ms
- Operation temperature: -40 °C ~ 85 °C - Industrial grade
- Storage temperature: -55 °C ~ 95 °C
- Cable length incl. connector: ca. 30 cm

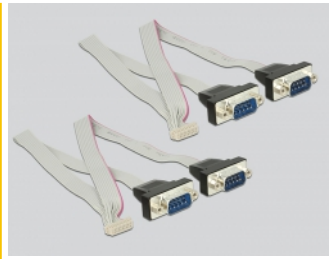
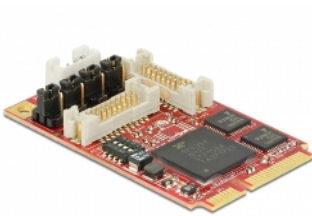
System requirements

- One free MiniPCIe slot (full size) with PCIe interface
- Windows 7/7-64/8.1/8.1-64/10, WES7, CE7.0, Linux Kernel 2.6

Package content

- Mini PCIe module
- 2 x connection cable

Images



| DB9 Pin define | | | |
|----------------|-----------|---------------|--------|
| Pin | RS-232 | RS-485/RS-422 | RS-485 |
| 1 | DCD | TX- | D- |
| 2 | RX | TX+ | D+ |
| 3 | TX | RX+ | |
| 4 | DTR | RX- | |
| 5 | GND | GND | |
| 6 | DSR | | |
| 7 | RTS | | |
| 8 | CTS | | |
| 9 | R+/S+/12V | S-/12V | S-/12V |

General

| | |
|-----------------------------|---|
| Form factor: | Mini PCIe full size |
| Supported operating system: | Linux Kernel 2.6 or above Windows 10 32-Bit Windows 10 64-Bit Windows 7 32-Bit Windows 7 64-Bit Windows 8 32-bit Windows 8 64-bit Windows 8.1 32-Bit Windows 8.1 64-Bit |
| Protection: | ESD (Electrostatic Discharge) |

Interface

| | |
|--------------|--|
| Connector 1: | 1 x Mini PCI Express, Rev. 2.0 |
| Connector 2: | 4 x serial RS-232/RS-422/RS-485 DB9 male |

Technical characteristics

| | |
|------------------------|---|
| Data flow control: | RTS / CTS or DTR / DSR Automatically |
| Chipset: | EXAR XR17V354 |
| Data transfer rate: | up to 25 Mbps RS-232 up to 1 Mbps RS-422 / RS-485 up to 15 Mbps |
| FIFO: | 4 x 256 Byte |
| Storage temperature: | -55 °C ~ 95 °C |
| Operating temperature: | -40 °C ~ 85 °C |
| Interface output: | RS-232/422/485 |
| Shock: | 50 G @ 0.5 ms |

| | |
|----------------------|---|
| Data transmission: | asynchronous Half duplex full duplex differential |
| Voltage: | 5 V or 12 V can be set individually for each port through the jumper (pin 1 or 9) |
| Current consumption: | 0,5 W (3,3 V x 150 mA) |
| UART: | 16C550 |
| Vibration: | 5 G @ 7 ~ 2000 Hz |
| Data bits: | 5, 6, 7, 8 |
| Stop bits: | 1, 2 |
| Terminator: | 4 x RS-422 / 485 (On / Off) |

Physical characteristics

| | |
|-------------------------------|-------|
| Cable length incl. connector: | 30 cm |
|-------------------------------|-------|