

PCAN-PCI /104-Express(single channel)



PCI/104-Express to CAN Interface

Part No:MPPK-CAN-PCIEX2C-104-S(single channel)

MPPK-CAN-PCIEX2C-104-S/ISO

(single channel opto-decoupled)

The PCAN-PCI/104-Express card allows the connection of two CAN networks to a PCI/104-Express-System. Up to three cards can be stacked together. The CAN bus is connected using a 9-pin D-Sub plug on the slot bracket supplied.

The card is available as a single or dual channel version. The opto-decoupled versions also guarantee galvanic isolation of up to 500 Volts between the PC and the CAN sides.

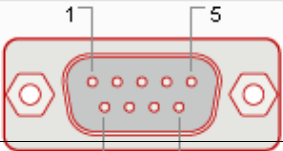
The package is also supplied with the CAN monitor PCAN-View for Windows® and the programming interface PCAN-Basic.

Specifications

- PCI/104-Express card, 1 lane (x1)
- Form factor PC/104
- Up to 3 cards can be used in one system
- Bit rates up to 1 Mbit/s
- Compliant with CAN specifications 2.0A (11-bit ID) and 2.0B (29-bit ID)
- CAN bus connection via D-Sub, 9-pin (in accordance with CiA® 102)
- NXP SJA1000 CAN controller, 16 MHz clock frequency
- NXP PCA82C251 CAN transceiver
- 5-Volts supply to the CAN connection can be connected through a solder jumper, e.g. for external bus converter

Optionally available:

- Galvanic isolation on the CAN connection up to 500 V, separate for each CAN channel
- Also available as a dual channel version
- PCI-104 stack-through connector

| Pin assignment D-Sub | Pin | Pin assignment |
|---|-----|-------------------------------|
|  | 1 | Not connected / optional +5 V |
| | 2 | CAN-L |
| | 3 | GND |

| | |
|---|-------------------------------|
| 4 | Not connected |
| 5 | Not connected |
| 6 | GND |
| 7 | CAN-H |
| 8 | Not connected |
| 9 | Not connected / optional +5 V |

Scope of supply

- PCAN-PCI/104-Express card
- Slot bracket with D-Sub connectors for the CAN bus
- Device drivers for Windows® 7/Vista/XP/Linux (32/64-bit)
- PCAN-View CAN monitor for Windows®
Details ...
- PCAN-Basic programming interface consisting of an interface DLL, examples, and header files for all common programming languages Details ...
- Manual in PDF format

Downloads

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New Device Driver 3.x Important Information

PCAN-PCI/104-Express package contains device drivers for Windows® 7/Vista/XP (32/64-bit), the PCAN-Basic API, the PCAN-Light API, the CAN monitor PCAN-View, and documentation (German and English)

PCAN-PCI/104-Express manual in PDF format (German)

PCAN-PCI/104-Express manual in PDF format (English)

PCAN-Linux device driver for PEAK CAN interfaces from Kernel 2.4 and higher

MPPK-CAN-PCIEX2C-104-S(003054)

MPPK-CAN-PCIEX2C-104-S/ISO(003056)



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