

PCAN-PC/104-Plus(dual channel)

Part No:

MPPK-CAN-P1042C-P-D(dual channel)

MPPK-CAN-P1042C-P-D/ISO (dual channel opto-decoupled)



The PCAN-PC/104-Plus card enables the connection of two CAN networks to a PC/104-Plus system. Up to four cards can be operated, with each piggy-backing off the next. The CAN bus is connected using a 9-pin D-sub plug on the slot array 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.

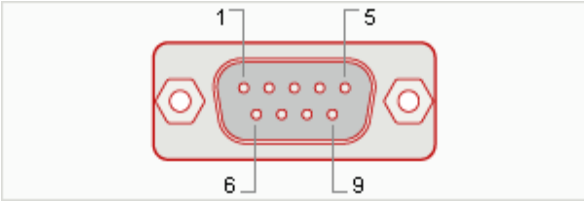
The package is also supplied with the CAN monitor PCAN-View for Windows® and the programming interface PCAN-Light.

Specifications

- Form factor PC/104
- Use of the 120-pin connection for the PCI bus
- Up to four cards can be used in one system
- Transfer rates up to 1 Mbit/s
- Compliant with CAN specifications 2.0A (11-bit ID) and 2.0B (29-bit ID)
- Connection to CAN bus through D-Sub slot array, 9-pin (in accordance with CiA® 102)
- NXP SJA1000 CAN controller, 16 MHz clock frequency
- 82C251 CAN transceiver
- Hardware can be reset via software
- 5-Volts supply to the CAN connection can be connected through a solder jumper, e.g. for external transceiver

Optionally available:

- Galvanic isolation on the CAN connection up to 500 V, separate for each CAN channel
- Also available as a dual-channel version
- PC/104-ISA 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-PC/104-Plus plug-in card
- Slot array with D-sub plug(s) for the CAN bus connection
- PCAN-View CAN monitor for Windows® Vista/XP/2000 Details ...
- PCAN-Light programming interface consisting of interface DLLs, examples, and header files for all conventional programming languages Details ...
- Device drivers for Windows® Vista/XP/2000
- Linux drivers available free of charge
- Manual in PDF format

Downloads

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PCAN-PC/104-Plus package contains device drivers for Windows® Vista/XP/2000, the PCAN-Light API, and the PCAN-View CAN monitor software

PCAN-PC/104-Plus manual in PDF format (German)

PCAN-PC/104-Plus manual in PDF format (English)

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

MPPK-CAN-P1042C-P-D(002095)

MPPK-CAN-P1042C-P-D/ISO (002097)



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