

Kvaser PCICanx II Series

Kvaser PCICanx II is a high-performance CAN interface with an on board microcontroller. It is designed for the PCI-X as well as the PCI bus.

Part No:MPKV-CAN-PCI2C-canx-II-HS

MPKV-CAN-PCI2C-canx-II-HS/HS

Description

Kvaser PCICanx II is a high-performance CAN/PCI interface board and comprises two members:

PCICanx II HS/HS and PCICanx II HS. Kvaser PCICanx II HS is delivered with a free of charge low profile bracket. The Kvaser PCICanx II boards fits in both PCI-X and PCI bus systems.

Galvanically isolated CAN bus drivers to protect the hardware.

Hardware Specifications

- Compliant with PCI 2.3
- The board fits in both 3.3V PCI-X and 3.3V and 5V PCI busses
- Fully software compatible with the discontinued PCICan II boards
- On-board 16-bit microcontroller
- Dimensions 120 x 95 mm (approx. 4.5 x 4 in.)
- Communicates with the PC through a fast DPRAM
- Quick and easy plug-and-play installation - no switches.
- CAN Controller: Renesas M16C
- Supports CAN 2.0 A and 2.0 B (active)
- High-speed ISO 11898 compliant driver circuits, supports bit rates up to 1 Mbit/s
- Industry-standard 9-pin D-SUB connectors
- Pin assignment according to CiA-DS102
- CAN oscillator frequency: 16 MHz
- Galvanic isolation between the CAN-controller and the CAN-driver
- The Kvaser PCICanx II family boards can optionally be delivered with exchangeable CAN drivers, supporting e.g. single-wire CAN.



Technical Specification

Property	Value	
Galvanic Isolation	Yes	
Bitrate	0-1000 kbit/s	
Silent mode	Yes	
Error frame generation	Yes	
Error frame detection	Yes	
Weight	100 g	
On board buffer	Yes	
Maximum message rate, send	8000	
Maximum message rate, receive	14000	
Sound	No	
Clock synchronization	N/A	
Dimensions (WxLxH)	Kvaser PCIcanx II HS	120x65x20 mm (4.7x2.6x0.8in.)
	Kvaser PCIcanx II HS/HS	120x95x20 mm (4.7x3.7x0.8in.)

Kvaser PCIcanx II HS (No. 73-03130-00344-6)

Kvaser PCIcanx II HS/HS (No. 73-03130-00343-9)

