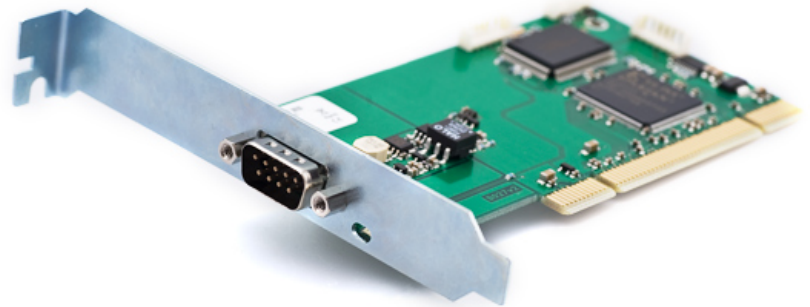


Kvaser PCICanx II HS



Kvaser PCICanx II is a high speed CAN interface board for the PCI-X and PCI bus. It features an on-board microcontroller for offloading your main CPU and Galvanic Isolation for protection against voltage spikes.

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 Data

Kvaser PCICanx II HS

Galvanic Isolation	Yes
Bitrate	0-1000 kbit/s
Silent mode	Yes
Error frame generation	Yes
Error frame detection	Yes
Weight	100g
Timestamp resolution	0µs
On board buffer	Yes
Maximum message rate, send	8000
Maximum message rate, receive	14000
Sound	No
Clock synchronization	N/A
Dimensions (WxLxH)	120x65x20mm
Temperature range	-40°C to +85°C
Order number	73-30130-00344-6

The information herein is subject to change without notice