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KVASER PCICANX 4XHS

EAN 73-30130-00330-9

Kvaser PCICanx 4xHS is a four channel, high speed CAN (controller area network) interface that can be used in both regular PCI and PCI-X slots. Galvanically isolated CAN bus drivers protect the hardware, whilst the on board micro controller ensures high throughput. The PCICanx 4xHS is ideal for multichannel data gathering applications, such as in laboratories.

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Major Features

- Quick and easy plug-and-play installation.
- High-speed ISO 11898 compliant driver circuits.
- Compliant with PCI 2.3.
- The board fits in 3.3V PCI-X, and 3.3V and 5V PCI busses.
- Compatible with our PCICan boards.
- I/O mapped for quick reaction times.
- SJA1000 CAN Controllers from Philips, with 64-byte receive FIFO.
- Supports CAN 2.0 A and 2.0 B (active).
- Pin assignment according to CiA-DS102.
- 16 MHz CAN oscillator frequency.
- Galvanic isolation between the CAN-controller and the CAN-driver.
- Interfaces the CAN bus with DSUB CAN connectors.
- Wide temperature range, -40°C - +85°C.

Technical Data

Temp Range	-40 - 85 °C
Messages Per Second Receive	14000 mps
Messages Per Second Sending	18000 mps
Weight	100 g
Length	100 mm
Height	20 mm
Channels	4
Certificates	CE, RoHS
Interfaces	PCI
Categories	PC Interfaces, Interfaces
OS	Windows 10, 8, 7, Vista, XP, and Linux
Connectors	DSUB 25
Galvanic Isolation	Yes
Error Frame Generation	No
Error Counters Reading	Yes
Silent Mode	Yes
Sound	No
Current Consumption	PCICanx 4xHS: max 400mA @ 5V

WARRANTY

2-Year Warranty. See our General Conditions and Policies for details.

SUPPORT

Free Technical Support on all products available by contacting support@kvaser.com

SOFTWARE

Documentation, software and drivers can be downloaded for free at: www.kvaser.com/downloads

Kvaser CANlib SDK is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi and Visual Basic.

All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!

J2534 Application Programming Interface available.

RP1210A Application Programming Interface available.

Online documentation in Windows HTML-Help and Adobe Acrobat format.

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