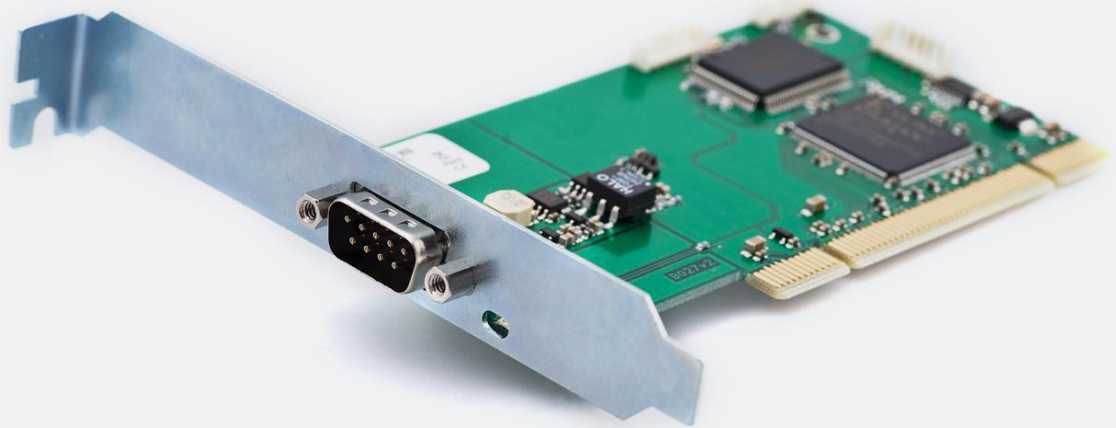**Learn more about this product**

Your Gateway to Efficient Connectivity

The Kvaser PCIcanx II HS is a single channel, high speed CAN (controller area network) 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.

Warranty
2-Year warranty. See our general conditions and policies for details.

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-00344-6

Ref. No. 98367-0 v. 2.0

Major Features

- Quick and easy plug-and-play installation - no switches.
- Compliant with PCI 2.3.
- The board fits in 3.3V PCI-X, and 3.3V and 5V PCI busses.
- Fully software compatible with the discontinued PCIcan II boards.
- Communicates with the PC through a fast DPRAM.
- CAN Controller is a Renesas M16C.
- Supports CAN 2.0 A and 2.0 B (active).
- High-speed ISO 11898 compliant driver circuit, supports bit rates up to 1 Mbit/s.
- Industry-standard 9-pin D-SUB connectors.
- Pin assignment according to CiA-DS102.
- 16 MHz CAN oscillator frequency.
- 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.
- Includes free of charge low profile bracket.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

Support

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

Kvaser 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, Visual Basic, Python and t script language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

Technical Data

CAN FD	No
Channels	1
Connectors	D-SUB 9
Current Consumption	Approximately 1 W (200 mA)
Dimensions	Low profile, 121 x 64 mm
Error Counters Reading	Yes
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	CAN, PCI
IP Class	IP00
Maximum Bitrate	1000 kbps
Minimum Bitrate	20 kbps
Msgrate Rx Max	14000
Msgrate Tx Max	8000
On-Board Buffer	Yes
On-Board Rx Buffer	Yes
On-Board Tx Buffer	Yes
Operating Systems	Linux, Windows [1]
Regulatory Compliance	CE
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Weight	57 g

[1] Windows 7, 8, 10 (IA-32 and x86-64) Windows 11 (x86-64)