



Kvaser PCICanx II HS

EAN: 73-30130-00344-6

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.

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 connector.
- 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.

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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER PCICANX II HS

PC INTERFACE	PCI
ERROR FRAME DETECTION	Yes
IP CLASS	IPO0
SILENT MODE	Yes
MINIMUM BITRATE (KBPS)	N/A
STATUS	Active
GALVANIC ISOLATION	Yes
DATABASE DBC SUPPORT	No
MAXIMUM BITRATE (KBPS)	1000
MSGRATE RX MAX	14000
CERTIFICATIONS	CE,RoHS
RUGGED	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ON-BOARD BUFFER	Yes
API, FREE	Kvaser API, J2534, RP 1210
CONNECTOR	DSUB 9
SOUND	No
ON-BOARD RX BUFFER	N/A
NETWORK CHANNEL(S)	1 x CAN HS
CB BOARD	No
WEIGHT (G)	100.0
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
PLAY BACK LOG FILE	No
WIDTH (MM)	120
CASING MATERIAL	N/A
TIMESTAMP RESOLUTION (US)	N/A
LENGTH (MM)	65



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CAN FD	No
PRODUCT GROUPS	PCI
HEIGHT (MM)	20
EMBEDDED SCRIPT	No
ON-BOARD TX BUFFER	N/A
CURRENT CONSUMPTION	Approximately 1W (200mA)
API, LICENCED	None
CLOCK SYNC	No
MSGRATE TX MAX	8000
ERROR FRAME GENERATION	Yes
ERROR COUNTERS READING	Yes
# OF CAN CHANNELS	1

The information herein is subject to change without notice