



### 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](http://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

MSGRATE TX MAX	8000
WEIGHT (G)	100.0
STATUS	Active
SILENT MODE	Yes
DATABASE DBC SUPPORT	No
ON-BOARD BUFFER	Yes
PRODUCT GROUPS	PCI
HEIGHT (MM)	20
TIMESTAMP RESOLUTION (US)	N/A
WIDTH (MM)	120
ERROR COUNTERS READING	Yes
CASING MATERIAL	
STATUS	Active
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
CLOCK SYNC	No
CONNECTOR	DSUB 9
ON-BOARD TX BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
GALVANIC ISOLATION	Yes
SILENT MODE	Yes
# OF CAN CHANNELS	1
ON-BOARD RX BUFFER	Yes
HEIGHT (MM)	20
TIMESTAMP RESOLUTION (US)	10
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ERROR COUNTERS READING	Yes
MINIMUM BITRATE (KBPS)	20

PC INTERFACE	PCI
MSGRATE RX MAX	14000
MAXIMUM BITRATE (KBPS)	1000
RUGGED	No
SOUND	No
LENGTH (MM)	65
CURRENT CONSUMPTION	1W200mA
API, FREE	Kvaser API, J2534, RP 1210
CONNECTOR	DSUB 9
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
WEIGHT (G)	100.0
CAN FD	No
WIDTH (MM)	120
MINIMUM BITRATE (KBPS)	20
ON-BOARD RX BUFFER	Yes
CAN FD	No
NETWORK CHANNEL(S)	1 x CAN HS
ERROR FRAME GENERATION	Yes
API, LICENCED	None
RUGGED	No
EMBEDDED SCRIPT	No
PRODUCT GROUPS	PCI
GALVANIC ISOLATION	Yes
MSGRATE TX MAX	8000
API, FREE	Kvaser API, J2534, RP1210
CB BOARD	No
IP CLASS	IP00
ERROR FRAME DETECTION	Yes

API, LICENCED	
CERTIFICATIONS	CE,RoHS
LENGTH (MM)	65
ON-BOARD TX BUFFER	Yes
PLAY BACK LOG FILE	No
NETWORK CHANNEL(S)	1 x CAN HS
EMBEDDED SCRIPT	No
# OF CAN CHANNELS	1
CURRENT CONSUMPTION	Approximately 1W (200mA)
SOUND	No
CB BOARD	No
IP CLASS	IPO0
MSGRATE RX MAX	14000
CASING MATERIAL	N/A
PC INTERFACE	PCI
ON-BOARD BUFFER	Yes
ERROR FRAME GENERATION	Yes
ERROR FRAME DETECTION	Yes
CERTIFICATIONS	CE,RoHS
CLOCK SYNC	No
MAXIMUM BITRATE (KBPS)	1000

The information herein is subject to change without notice