



### Kvaser PCICanx II HS/HS

EAN: 73-30130-00343-9

The Kvaser PCICanx II HS/HS is a dual 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 both 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 circuits, 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.

## 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/HS

OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
HEIGHT (MM)	20
MSGRATE RX MAX	14000
ON-BOARD RX BUFFER	No
SILENT MODE	Yes
MSGRATE TX MAX	8000
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
NETWORK CHANNEL(S)	2 x CAN HS
NETWORK CHANNEL(S)	2 x CAN HS
LENGTH (MM)	95
IP CLASS	IP00
CERTIFICATIONS	CE, RoHS
SOUND	No
CASING MATERIAL	N/A
ERROR FRAME DETECTION	Yes
# OF CAN CHANNELS	2
CONNECTOR	DSUB 9
CAN FD	No
MSGRATE TX MAX	8000
MAXIMUM BITRATE (KBPS)	1000
DATABASE DBC SUPPORT	No
ERROR COUNTERS READING	Yes
SILENT MODE	Yes
ON-BOARD TX BUFFER	No
SOUND	No
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
RUGGED	No

GALVANIC ISOLATION	Yes
CAN FD	No
ERROR FRAME DETECTION	Yes
CB BOARD	No
CB BOARD	No
ON-BOARD BUFFER	Yes
ON-BOARD TX BUFFER	Yes
TIMESTAMP RESOLUTION (US)	N/A
ON-BOARD RX BUFFER	Yes
PLAY BACK LOG FILE	No
CERTIFICATIONS	CE,RoHS
# OF CAN CHANNELS	2
API, FREE	Kvaser API, J2534, RP 1210
LENGTH (MM)	95
CLOCK SYNC	No
PRODUCT GROUPS	PCI
CURRENT CONSUMPTION	Approximately 1W (200mA)
TIMESTAMP RESOLUTION (US)	10
MSGRATE RX MAX	14000
WEIGHT (G)	100.0
MINIMUM BITRATE (KBPS)	N/A
CASING MATERIAL	
MINIMUM BITRATE (KBPS)	20
ERROR FRAME GENERATION	Yes
IP CLASS	IP00
CURRENT CONSUMPTION	1W200mA
GALVANIC ISOLATION	Yes
API, LICENCED	

ON-BOARD BUFFER	Yes
PRODUCT GROUPS	PCI
ERROR COUNTERS READING	Yes
PC INTERFACE	PCI
API, FREE	Kvaser API, J2534, RP1210
WEIGHT (G)	100.0
EMBEDDED SCRIPT	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CLOCK SYNC	No
WIDTH (MM)	120
WIDTH (MM)	120
ERROR FRAME GENERATION	Yes
API, LICENCED	None
EMBEDDED SCRIPT	No
STATUS	Active
RUGGED	No
MAXIMUM BITRATE (KBPS)	1000
HEIGHT (MM)	20
STATUS	Active
CONNECTOR	DSUB 9
PC INTERFACE	PCI

The information herein is subject to change without notice