



### 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 PC1canx 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

EMBEDDED SCRIPT	No
ON-BOARD BUFFER	Yes
NETWORK CHANNEL(S)	2 x CAN HS
CURRENT CONSUMPTION	1W200mA
PRODUCT GROUPS	PCI
LENGTH (MM)	95
RUGGED	No
CB BOARD	No
CONNECTOR	DSUB 9
CAN FD	No
CERTIFICATIONS	CE,RoHS
MINIMUM BITRATE (KBPS)	20
STATUS	Active
ON-BOARD BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
WEIGHT (G)	100.0
MAXIMUM BITRATE (KBPS)	1000
GALVANIC ISOLATION	Yes
RUGGED	No
CONNECTOR	DSUB 9
API, FREE	Kvaser API, J2534, RP1210
API, LICENCED	
PC INTERFACE	PCI
IP CLASS	IPO0
TIMESTAMP RESOLUTION (US)	10
API, LICENCED	None
SOUND	No

CLOCK SYNC	No
ERROR FRAME DETECTION	Yes
ERROR COUNTERS READING	Yes
GALVANIC ISOLATION	Yes
WIDTH (MM)	120
STATUS	Active
CASING MATERIAL	N/A
WEIGHT (G)	100.0
ON-BOARD TX BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CASING MATERIAL	
PLAY BACK LOG FILE	No
IP CLASS	IP00
SILENT MODE	Yes
HEIGHT (MM)	20
ON-BOARD RX BUFFER	Yes
SILENT MODE	Yes
EMBEDDED SCRIPT	No
ERROR FRAME DETECTION	Yes
LENGTH (MM)	95
# OF CAN CHANNELS	2
CERTIFICATIONS	CE,RoHS
WIDTH (MM)	120
CAN FD	No
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
MSGRATE RX MAX	14000
CB BOARD	No
CURRENT CONSUMPTION	Approximately 1W (200mA)

NETWORK CHANNEL(S)	2 x CAN HS
MSGRATE TX MAX	8000
ON-BOARD TX BUFFER	No
HEIGHT (MM)	20
MSGRATE RX MAX	14000
MSGRATE TX MAX	8000
TIMESTAMP RESOLUTION (US)	N/A
SOUND	No
MINIMUM BITRATE (KBPS)	N/A
MAXIMUM BITRATE (KBPS)	1000
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
PC INTERFACE	PCI
ERROR FRAME GENERATION	Yes
ON-BOARD RX BUFFER	No
DATABASE DBC SUPPORT	No
ERROR FRAME GENERATION	Yes
ERROR COUNTERS READING	Yes
CLOCK SYNC	No
# OF CAN CHANNELS	2
API, FREE	Kvaser API, J2534, RP 1210
PRODUCT GROUPS	PCI

The information herein is subject to change without notice