



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.
- 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

SILENT MODE	Yes
MSGRATE TX MAX	8000
MAXIMUM BITRATE (KBPS)	1000
API, LICENCED	None
WEIGHT (G)	100.0
API, FREE	Kvaser API, J2534, RP 1210
RUGGED	No
STATUS	Active
CB BOARD	No
ERROR COUNTERS READING	Yes
CONNECTOR	DSUB 9
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
WEIGHT (G)	100.0
ON-BOARD RX BUFFER	Yes
SILENT MODE	Yes
PRODUCT GROUPS	PCI
MAXIMUM BITRATE (KBPS)	1000
DATABASE DBC SUPPORT	No
ERROR FRAME DETECTION	Yes
MINIMUM BITRATE (KBPS)	N/A
MSGRATE RX MAX	14000
NETWORK CHANNEL(S)	2 x CAN HS
CURRENT CONSUMPTION	1W200mA
ON-BOARD RX BUFFER	No
CERTIFICATIONS	CE, RoHS
ERROR COUNTERS READING	Yes
SOUND	No

API, LICENCED	
MSGRATE RX MAX	14000
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
IP CLASS	IPO0
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CLOCK SYNC	No
ERROR FRAME GENERATION	Yes
CB BOARD	No
TIMESTAMP RESOLUTION (US)	N/A
CURRENT CONSUMPTION	Approximately 1W (200mA)
WIDTH (MM)	120
GALVANIC ISOLATION	Yes
STATUS	Active
PC INTERFACE	PCI
CAN FD	No
CASING MATERIAL	N/A
LENGTH (MM)	95
API, FREE	Kvaser API, J2534, RP1210
HEIGHT (MM)	20
ON-BOARD TX BUFFER	Yes
HEIGHT (MM)	20
PRODUCT GROUPS	PCI
TIMESTAMP RESOLUTION (US)	10
ERROR FRAME GENERATION	Yes
ON-BOARD BUFFER	Yes
PC INTERFACE	PCI
# OF CAN CHANNELS	2
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8

CLOCK SYNC	No
IP CLASS	IP00
LENGTH (MM)	95
ON-BOARD TX BUFFER	No
WIDTH (MM)	120
SOUND	No
GALVANIC ISOLATION	Yes
CONNECTOR	DSUB 9
CAN FD	No
PLAY BACK LOG FILE	No
CASING MATERIAL	
ON-BOARD BUFFER	Yes
EMBEDDED SCRIPT	No
MSGRATE TX MAX	8000
NETWORK CHANNEL(S)	2 x CAN HS
# OF CAN CHANNELS	2
ERROR FRAME DETECTION	Yes
RUGGED	No
MINIMUM BITRATE (KBPS)	20
EMBEDDED SCRIPT	No
CERTIFICATIONS	CE,RoHS

The information herein is subject to change without notice