



Kvaser PCI104 HS/HS IDC

EAN: 73-30130-00424-5

Kvaser PC104 HS/HS IDC is a two channel, PC/104 compatible CAN (controller area network) interface with IDC Header CAN connectors. It includes a high-performance, on-board microcontroller for CPU offloading, ensuring fast response times.

Major Features

- Quick and easy plug-and-play installation.
- High-speed ISO 11898 compliant driver circuits, supports bit rates up to 1 Mbit/s.
- Compliant with the PC/104 specification.
- Stack-through connector.
- On-board 16-bit microcontroller.
- Communicates with the PC through a fast DPRAM.
- Supports CAN 2.0 A and 2.0 B (active).
- CAN oscillator frequency of 16 MHz.

- Interfaces the CAN bus with IDC Header connectors.
- Wide temperature range, -40°C - +85°C.

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 PCI104 HS/HS IDC

TIMESTAMP RESOLUTION (US)	100
ON-BOARD RX BUFFER	Yes
WIDTH (MM)	91
CLOCK SYNC	No
HEIGHT (MM)	20
NETWORK CHANNEL(S)	2 x CAN HS
SOUND	No
RUGGED	No
MSGRATE RX MAX	14000
CURRENT CONSUMPTION	Approximately 1W @ 200mA
IP CLASS	IP00
MAXIMUM BITRATE (KBPS)	1000
ERROR FRAME GENERATION	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
DATABASE DBC SUPPORT	No
CASING MATERIAL	N/A
IP CLASS	IP00
WIDTH (MM)	91
CERTIFICATIONS	CE,RoHS
ON-BOARD RX BUFFER	No
STATUS	Active
API, LICENCED	None
CLOCK SYNC	No
MINIMUM BITRATE (KBPS)	20
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
CAN FD	No

SILENT MODE	Yes
ERROR COUNTERS READING	Yes
PRODUCT GROUPS	PC 104
LENGTH (MM)	96
GALVANIC ISOLATION	Yes
CB BOARD	No
API, LICENCED	
ERROR FRAME DETECTION	Yes
ERROR FRAME DETECTION	Yes
CAN FD	No
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
MINIMUM BITRATE (KBPS)	20
CB BOARD	No
GALVANIC ISOLATION	Yes
MSGRATE TX MAX	8000
PRODUCT GROUPS	PC 104
SILENT MODE	Yes
NETWORK CHANNEL(S)	2 x CAN HS
PC INTERFACE	PCI104
ON-BOARD BUFFER	No
EMBEDDED SCRIPT	No
LENGTH (MM)	96
MSGRATE RX MAX	14000
EMBEDDED SCRIPT	No
CONNECTOR	IDC 10
ERROR COUNTERS READING	Yes
MSGRATE TX MAX	8000
HEIGHT (MM)	20



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SOUND	No
ON-BOARD TX BUFFER	Yes
ON-BOARD TX BUFFER	No
ERROR FRAME GENERATION	Yes
# OF CAN CHANNELS	2
CURRENT CONSUMPTION	1W200mA
STATUS	Active
PLAY BACK LOG FILE	No
RUGGED	No
PC INTERFACE	PCI104
WEIGHT (G)	100.0
API, FREE	Kvaser API, J2534, RP 1210
TIMESTAMP RESOLUTION (US)	1
CONNECTOR	IDC 10
WEIGHT (G)	100.0
CERTIFICATIONS	CE,RoHS
MAXIMUM BITRATE (KBPS)	1000
CASING MATERIAL	
API, FREE	Kvaser API, J2534, RP1210
ON-BOARD BUFFER	No
# OF CAN CHANNELS	2

The information herein is subject to change without notice