



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. Register your product at kvaser.com/getting-started for an additional 1-year Warranty Extension.

Support

- Free Technical Support on all products available by contacting support@kvaser.com.

Software

- Documentation, software and drivers can be downloaded for free at 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

MSGRATE RX MAX	14000
EMBEDDED SCRIPT	No
MINIMUM BITRATE (KBPS)	20
CURRENT CONSUMPTION	Approximately 1W @ 200mA
ERROR FRAME GENERATION	Yes
OPERATING SYSTEM	Linux,Win 7,Win 10,Win 8
GALVANIC ISOLATION	Yes
CAN FD	No
PC INTERFACE	PCI104
MSGRATE TX MAX	8000
NETWORK CHANNEL(S)	2 x CAN HS
WEIGHT (G)	100.0
CASING MATERIAL	N/A
WIDTH (MM)	91
DATABASE DBC SUPPORT	No
ERROR FRAME DETECTION	Yes
CIRCUIT BOARD	No
SILENT MODE	Yes
IP CLASS	IPO0
PROMOTIONAL_TEXT	Two channel, PC/104 compatible CAN interface with onboard microcontroller, IDC headers.
ON-BOARD RX BUFFER	Yes
HEIGHT (MM)	20
RUGGED	No
CLOCK SYNC	No
# OF CAN CHANNELS	2
SOUND	No



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API, LICENCED	None
CERTIFICATIONS	CE,RoHS
ERROR COUNTERS READING	Yes
STATUS	Not for new designs
ON-BOARD BUFFER	No
CONNECTOR	IDC 10
API, FREE	Kvaser API, J2534, RP1210
ON-BOARD TX BUFFER	Yes
PRODUCT GROUPS	PC 104
LENGTH (MM)	96
OPERATING TEMPERATURE RANGE (C)	-40 °C to +85 °C
TIMESTAMP RESOLUTION (US)	100
MAXIMUM BITRATE (KBPS)	1000

The information herein is subject to change without notice