



### Kvaser PC104+ HS/HS IDC

EAN: 73-30130-00336-1

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-Plus 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](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 PC104+ HS/HS IDC

CASING MATERIAL	
CONNECTOR	IDC 10
MINIMUM BITRATE (KBPS)	5
API, LICENCED	None
ON-BOARD TX BUFFER	No
SOUND	No
EMBEDDED SCRIPT	No
NETWORK CHANNEL(S)	2 x CAN HS
CURRENT CONSUMPTION	Approximately 1W @ 200mA
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
RUGGED	No
MSGRATE RX MAX	14000
MSGRATE TX MAX	8000
MINIMUM BITRATE (KBPS)	5
ERROR FRAME GENERATION	Yes
ON-BOARD RX BUFFER	No
MSGRATE TX MAX	8000
ERROR FRAME DETECTION	Yes
ERROR COUNTERS READING	Yes
WEIGHT (G)	100.0
ERROR FRAME DETECTION	Yes
CERTIFICATIONS	CE,RoHS
WIDTH (MM)	91
RUGGED	No
HEIGHT (MM)	20
ERROR FRAME GENERATION	Yes
CASING MATERIAL	N/A

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## Kvaser PC104+ HS/HS IDC

ERROR COUNTERS READING	Yes
PC INTERFACE	PC 104+
SILENT MODE	Yes
ON-BOARD TX BUFFER	Yes
GALVANIC ISOLATION	Yes
CAN FD	No
PRODUCT GROUPS	PC 104
CERTIFICATIONS	CE,RoHS
GALVANIC ISOLATION	Yes
STATUS	Active
API, FREE	Kvaser API, J2534, RP1210
TIMESTAMP RESOLUTION (US)	1
MAXIMUM BITRATE (KBPS)	1000
CAN FD	No
PROMOTIONAL_TEXT	Two channel, PC/104+ compatible CAN interface with onboard microcontroller, IDC headers.
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MAXIMUM BITRATE (KBPS)	1000
# OF CAN CHANNELS	2
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
IP CLASS	IP00
CB BOARD	No
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
MSGRATE RX MAX	14000
CB BOARD	No
EMBEDDED SCRIPT	No
LENGTH (MM)	96
CURRENT CONSUMPTION	1W200mA

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WIDTH (MM)	91
ON-BOARD BUFFER	Yes
DATABASE DBC SUPPORT	No
API, FREE	Kvaser API, J2534, RP 1210
TIMESTAMP RESOLUTION (US)	1
WEIGHT (G)	100.0
PROMOTIONAL_TEXT	PC/104+ CAN IDC
PRODUCT GROUPS	PC 104
CLOCK SYNC	No
CONNECTOR	IDC 10
PC INTERFACE	PC 104+
LENGTH (MM)	96
ON-BOARD BUFFER	Yes
SILENT MODE	Yes
CLOCK SYNC	No
STATUS	Active
API, LICENCED	
NETWORK CHANNEL(S)	2 x CAN HS
SOUND	No
ON-BOARD RX BUFFER	Yes
HEIGHT (MM)	20
# OF CAN CHANNELS	2
IP CLASS	IP00

The information herein is subject to change without notice