



### Kvaser PC104+ HS/HS

EAN: 73-30130-00352-1

Kvaser PC104+ HS/HS is a two channel, PC/104+ compatible CAN (controller area network) interface with DSUB 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 9 pin DSUB 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](https://kvaser.com/getting-started) for an additional 1-year Warranty Extension.

## Support

- Free Technical Support on all products available by contacting [support@kvaser.com](mailto:support@kvaser.com).

## Software

- Documentation, software and drivers can be downloaded for free at [kvaser.com/downloads](https://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

STATUS	Not for new designs
MINIMUM BITRATE (KBPS)	5
ON-BOARD BUFFER	Yes
ERROR FRAME GENERATION	Yes
CIRCUIT BOARD	No
PC INTERFACE	PC 104+
WEIGHT (G)	100.0
API, FREE	Kvaser API, J2534, RP1210
CURRENT CONSUMPTION	Approximately 1W @ 200mA
CONNECTOR	DSUB 9
NETWORK CHANNEL(S)	2 x CAN HS
CERTIFICATIONS	CE,RoHS
LENGTH (MM)	96
MAXIMUM BITRATE (KBPS)	1000
SOUND	No
PROMOTIONAL_TEXT	Two channel, PC/104+ compatible CAN interface with onboard microcontroller.
CLOCK SYNC	No
ERROR FRAME DETECTION	Yes
SILENT MODE	Yes
CASING MATERIAL	N/A
CAN FD	No
OPERATING SYSTEM	Linux,Win 7,Win 10,Win 8
HEIGHT (MM)	20
PRODUCT GROUPS	PC 104
TIMESTAMP RESOLUTION (US)	1
DATABASE DBC SUPPORT	No



## Kvaser PC104+ HS/HS

OPERATING TEMPERATURE RANGE (C)	-40 °C to +85 °C
API, LICENCED	None
IP CLASS	IP00
ERROR COUNTERS READING	Yes
GALVANIC ISOLATION	Yes
RUGGED	No
EMBEDDED SCRIPT	No
MSGRATE TX MAX	8000
ON-BOARD RX BUFFER	Yes
ON-BOARD TX BUFFER	Yes
# OF CAN CHANNELS	2
MSGRATE RX MAX	14000
WIDTH (MM)	91

The information herein is subject to change without notice