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this product



## Your Gateway to Efficient Connectivity

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.



### Warranty

2-Year warranty. See our general conditions and policies for details.



### Support

Free support for all products by contacting [support@kvaser.com](mailto:support@kvaser.com)



### EAN

73-30130-00336-1

## 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 to +85 °C.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page ([www.kvaser.com](http://www.kvaser.com)).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://www.kvaser.com/downloads).

Kvaser 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, Visual Basic, Python and t script language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

## Technical Data

<b>CAN FD</b>	No
<b>Channels</b>	2
<b>Connectors</b>	IDC 10
<b>Current Consumption</b>	Approximately 1 W @ 200 mA
<b>Dimensions</b>	91 x 96 mm
<b>Error Counters Reading</b>	Yes
<b>Error Frame Detection</b>	Yes
<b>Error Frame Generation</b>	Yes
<b>Galvanic Isolation</b>	Yes
<b>Interfaces</b>	CAN, PCI
<b>Maximum Bitrate</b>	1000 kbps
<b>Minimum Bitrate</b>	5 kbps
<b>Msgrate Rx Max</b>	14000
<b>Msgrate Tx Max</b>	8000
<b>Operating Systems</b>	Linux, Windows <sup>1</sup>
<b>Regulatory Compliance</b>	CE
<b>Temperature Range</b>	-40 to +85 °C
<b>Weight</b>	84 g

<sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)