



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.

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.

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.

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.

Online documentation in Windows HTML-Help and Adobe Acrobat format.

Technical Data

| | |
|------------------------|--|
| # of CAN Channels | 2 |
| API, free | Kvaser API, J2534, RP 1210 |
| CAN FD | No |
| Certifications | CE, RoHS |
| Clock Sync | No |
| Connector | IDC 10 |
| Current Consumption | Approximately 1W @ 200mA |
| Error Counters Reading | Yes |
| Error Frame Detection | Yes |
| Error Frame Generation | Yes |
| Galvanic Isolation | Yes |
| Maximum Bitrate (kbps) | 1000 |
| Minimum Bitrate (kbps) | 5 |
| Msgrate Rx Max | 14000 |
| Msgrate Tx Max | 8000 |
| Operating System | Win XP, Linux, Win 7, Win Vista, Win 10, Win 8 |
| Weight (g) | 100 |