



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.

### **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 PCI104 HS/HS IDC

HEIGHT (MM)	20
ON-BOARD BUFFER	No
MSGRATE TX MAX	8000
API, LICENCED	
GALVANIC ISOLATION	Yes
PROMOTIONAL_TEXT	PC/104 CAN IDC
# OF CAN CHANNELS	2
ON-BOARD RX BUFFER	Yes
CONNECTOR	IDC 10
RUGGED	No
MSGRATE RX MAX	14000
API, FREE	Kvaser API, J2534, RP1210
CONNECTOR	IDC 10
MAXIMUM BITRATE (KBPS)	1000
MINIMUM BITRATE (KBPS)	20
RUGGED	No
WEIGHT (G)	100.0
DATABASE DBC SUPPORT	No
ON-BOARD TX BUFFER	Yes
LENGTH (MM)	96
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
SILENT MODE	Yes
NETWORK CHANNEL(S)	2 x CAN HS
WIDTH (MM)	91
WIDTH (MM)	91
ERROR FRAME GENERATION	Yes
TIMESTAMP RESOLUTION (US)	1



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ON-BOARD TX BUFFER	No
CERTIFICATIONS	CE,RoHS
CASING MATERIAL	N/A
CURRENT CONSUMPTION	1W200mA
CERTIFICATIONS	CE,RoHS
ERROR FRAME DETECTION	Yes
ERROR COUNTERS READING	Yes
SILENT MODE	Yes
WEIGHT (G)	100.0
EMBEDDED SCRIPT	No
SOUND	No
API, FREE	Kvaser API, J2534, RP 1210
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
SOUND	No
STATUS	Active
CLOCK SYNC	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
GALVANIC ISOLATION	Yes
PC INTERFACE	PCI104
LENGTH (MM)	96
ERROR COUNTERS READING	Yes
MAXIMUM BITRATE (KBPS)	1000
STATUS	Active
MSGRATE RX MAX	14000
CB BOARD	No
PC INTERFACE	PCI104
ERROR FRAME GENERATION	Yes
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8



## Kvaser PCI104 HS/HS IDC

HEIGHT (MM)	20
CAN FD	No
EMBEDDED SCRIPT	No
MSGRATE TX MAX	8000
NETWORK CHANNEL(S)	2 x CAN HS
CASING MATERIAL	
ON-BOARD BUFFER	No
CAN FD	No
PRODUCT GROUPS	PC 104
PRODUCT GROUPS	PC 104
# OF CAN CHANNELS	2
API, LICENCED	None
IP CLASS	IP00
ERROR FRAME DETECTION	Yes
MINIMUM BITRATE (KBPS)	20
CLOCK SYNC	No
PROMOTIONAL_TEXT	Two channel, PC/104 compatible CAN interface with onboard microcontroller, IDC headers.
IP CLASS	IP00
ON-BOARD RX BUFFER	No
TIMESTAMP RESOLUTION (US)	100
CURRENT CONSUMPTION	Approximately 1W @ 200mA
CB BOARD	No

The information herein is subject to change without notice