



### 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.

### **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

OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
MINIMUM BITRATE (KBPS)	5
ON-BOARD TX BUFFER	No
ON-BOARD RX BUFFER	No
CONNECTOR	DSUB 9
ERROR FRAME DETECTION	Yes
WEIGHT (G)	100.0
MSGRATE RX MAX	14000
WEIGHT (G)	100.0
ON-BOARD RX BUFFER	Yes
CB BOARD	No
NETWORK CHANNEL(S)	2 x CAN HS
CERTIFICATIONS	CE, RoHS
PRODUCT GROUPS	PC 104
RUGGED	No
CERTIFICATIONS	CE, RoHS
TIMESTAMP RESOLUTION (US)	1
API, LICENCED	None
NETWORK CHANNEL(S)	2 x CAN HS
MINIMUM BITRATE (KBPS)	5
CLOCK SYNC	No
API, FREE	Kvaser API, J2534, RP1210
SOUND	No
ERROR COUNTERS READING	Yes
CURRENT CONSUMPTION	1W200mA
IP CLASS	IP00
ERROR COUNTERS READING	Yes



## Kvaser PC104+ HS/HS

# OF CAN CHANNELS	2
API, FREE	Kvaser API, J2534, RP 1210
ERROR FRAME GENERATION	Yes
STATUS	Active
TIMESTAMP RESOLUTION (US)	1
PROMOTIONAL_TEXT	PC/104+ CAN
EMBEDDED SCRIPT	No
ON-BOARD BUFFER	Yes
MSGRATE TX MAX	8000
MAXIMUM BITRATE (KBPS)	1000
DATABASE DBC SUPPORT	No
HEIGHT (MM)	20
API, LICENCED	
HEIGHT (MM)	20
CLOCK SYNC	No
ERROR FRAME DETECTION	Yes
CAN FD	No
RUGGED	No
CASING MATERIAL	
PC INTERFACE	PC 104+
WIDTH (MM)	91
SILENT MODE	Yes
SOUND	No
EMBEDDED SCRIPT	No
MAXIMUM BITRATE (KBPS)	1000
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
ON-BOARD TX BUFFER	Yes



## Kvaser PC104+ HS/HS

CONNECTOR	DSUB 9
SILENT MODE	Yes
ON-BOARD BUFFER	Yes
LENGTH (MM)	96
CB BOARD	No
CURRENT CONSUMPTION	Approximately 1W @ 200mA
CAN FD	No
LENGTH (MM)	96
WIDTH (MM)	91
IP CLASS	IP00
STATUS	Active
PROMOTIONAL_TEXT	Two channel, PC/104+ compatible CAN interface with onboard microcontroller.
CASING MATERIAL	N/A
PC INTERFACE	PC 104+
MSGRATE RX MAX	14000
GALVANIC ISOLATION	Yes
PRODUCT GROUPS	PC 104
GALVANIC ISOLATION	Yes
MSGRATE TX MAX	8000
ERROR FRAME GENERATION	Yes
# OF CAN CHANNELS	2
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00

The information herein is subject to change without notice