



- Suitable for industrial environments.
- Low profile mini PCI Express-compliant 4-pin Molex connector provides CAN channel access.
- Includes Molex to DSUB9 cable adapter.
- Complies with EN 61000-6-2:2005, specifying EMC immunity for industrial environments.
- Operates over the industrial temperature range of -40 to +85°C.
- Kvaser's free of charge CANLIB SDK can be used to develop software for the Mini PCI Express HS board. Windows DLL library and examples included.
- Supports Windows Vista or later.
- Linux drivers and a dedicated SDK are available as a separate download.
- Support for SocketCAN, see elinux.org for details.
- Extended operating temperature range from -40 to 85 °C.
- *Note: Kvaser's already-existing [Kvaser Mini PCI Express HS](#) and [Kvaser Mini PCI Express 2xHS](#) products will remain available for sale. The primary difference is that these previous versions utilize the USB system bus for communication with the PC.*

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details. Register your product at www.kvaser.com/getting-started for an additional 1-year Warranty Extension.

Support

- Free Technical Support on all products available by contacting support@kvaser.com.

Software

- Documentation, Kvaser CANlib SDK 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, Visual Basic, Python and t Script.
- All Kvaser CAN interface boards share the common software API, CANlib SDK. 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.
- HTML-Help and online documentation in Windows and Linux.



TECHNICAL DATA - KVASER MINI PCI EXPRESS HS V2

CB BOARD	No
CERTIFICATIONS	CE,RoHS
SOUND	No
SILENT MODE	Yes
MSGRATE TX MAX	20000
HEIGHT (MM)	5
RUGGED	No
MINIMUM BITRATE (KBPS)	50
PROMOTIONAL_TEXT	Single channel Mini PCI Express CAN/CAN FD interface; PC communication over PCI Express system bus.
MSGRATE RX MAX	20000
OPERATING SYSTEM	Linux,Win 7,Win Vista,Win 10,Win 8
PRODUCT GROUPS	Mini PCI Express
CONNECTOR	Molex 53780 PanelMate TM
PC INTERFACE	Mini PCI Express
RELEASE DATE	9/10/2019
LENGTH (MM)	51
CLOCK SYNC	No
NETWORK CHANNEL(S)	1 x CAN HS
API, FREE	Kvaser API, J2534, RP 1210
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MAXIMUM BITRATE (KBPS)	8000
ON-BOARD RX BUFFER	No
CURRENT CONSUMPTION	Typically 700 mW idle plus max 150 mW per channel, i.e. max 850 mW for a single channel interface. Only uses 3.3 V.
WEIGHT (G)	6.0

Kvaser
Aminogatan 25 A SE 431 53 Mölndal SWEDEN
Kvaser Europe AB
Telephone: +46 31 886344
Email: sales@kvaser.com
<https://www.kvaser.com/>



Kvaser Mini PCI Express HS v2

CAN FD	Yes
ERROR FRAME GENERATION	Yes
STATUS	Active
EMBEDDED SCRIPT	No
TIMESTAMP RESOLUTION (US)	1
GALVANIC ISOLATION	Yes
CAN FD BIT RATE	Up to 8 Mbit/s
# OF CAN CHANNELS	1
ON-BOARD TX BUFFER	No
ON-BOARD BUFFER	No
ERROR FRAME DETECTION	Yes
WIDTH (MM)	30
IP CLASS	IP00

The information herein is subject to change without notice