KVASER
Advancing connectivity

Learn more about
this product

www.kvaser.com
73-30130-01417-6
SN 010036
CE
Made in Sweden
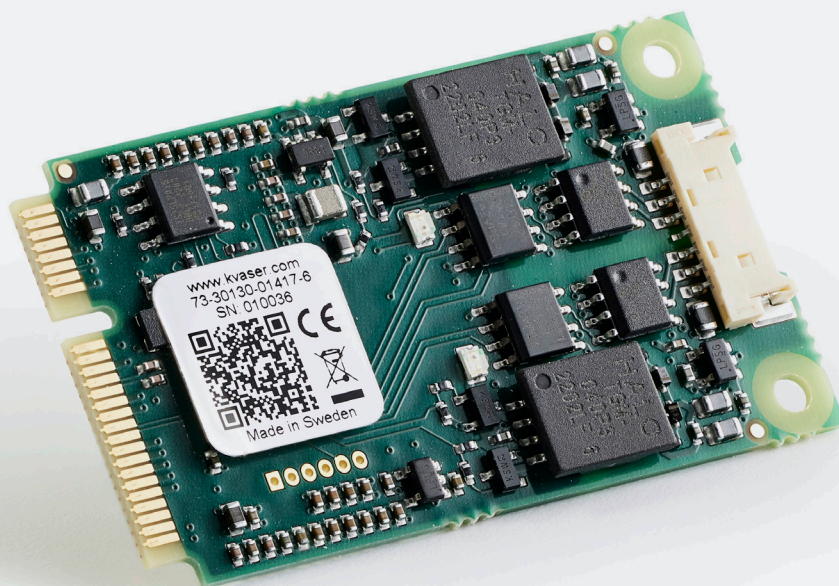
Your Gateway to Efficient Connectivity

Kvaser Mini PCI Express 2xCAN v3 is a small, yet advanced, CAN multi-channel real time CAN interface that handles transmission and reception of standard and extended CAN messages on the bus with a high timestamp precision. The Kvaser Mini PCI Express 2xCAN v3 is compatible with applications that use Kvaser's CANlib.

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

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-01417-6

Ref. No. 98268-0 v. 2.0

Major Features

- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).

- Quick and easy plug-and-play installation.

- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.

- Compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.

- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.

- Supports simultaneous usage of multiple Kvaser interfaces.

- Supports silent mode for analysis tools – listen to the bus without interfering.

- Includes 2 channel breakout cable.

- 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).

Support

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* programming 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

Bus Interface	PCIe x1
CAN Bit Rate	20 kbit/s to 1 Mbit/s
CAN Channels	2
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Transceivers	MCP2561FD
Certifications	CE, RoHS
Connector	Molex 53780
Dimensions M.2 card	51 x 30 x 5 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Operating Systems	Linux, Windows [1]
Power Consumtion	600-1000 mW
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	5 g (20 g including cable)

[1] Windows 7, 8, 10 (IA-32 and x86-64)
 Windows 11 (x86-64)

Learn more about this product
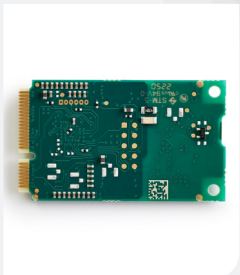
Your Gateway to Efficient Connectivity

Kvaser Mini PCI Express 1xCAN v3 is a small, yet advanced, real time CAN interface that handles transmission and reception of standard and extended CAN messages on the bus with a high timestamp precision. The Kvaser Mini PCI Express 1xCAN v3 is compatible with applications that use Kvaser's CANlib.

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

Support
Free support for all products by contacting support@kvaser.com

EAN
73-30130-01420-6

Major Features

- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit /s.
- Supports simultaneous usage of multiple Kvaser interfaces.
- Supports silent mode for analysis tools −listen to the bus without interfering.
- Includes 1 channel breakout cable.
- 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).

Support

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* programming 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

Bus Interface	PCIe x1
CAN Bit Rate	20 kbit/s to 1 Mbit/s
CAN Channels	1
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Transceivers	MCP2561FD
Certifications	CE, RoHS
Connector	Molex 53780
Dimensions M.2 card	51 x 30 x 5 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Operating Systems	Linux, Windows [1]
Power Consumtion	600-850 mW
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	5 g (13 g including cable)

[1] Windows 7, 8, 10 (IA-32 and x86-64)
   Windows 11 (x86-64)