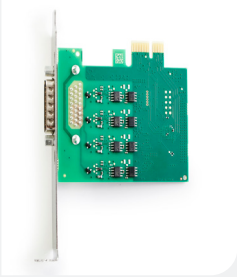
KVASER
Advancing connectivity

Kvaser PCIEcan 4xCAN v2

Learn more about this product



Your Gateway to Efficient Connectivity

Kvaser PCIEcan 4xCAN v2 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. It 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
73-30130-01414-5

Ref. No. 98269-7 v. 2.0

KVASER
Advancing connectivity

Kvaser PCIEcan 4xCAN v2

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 29bit (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.
- Simultaneous operation of multiple devices.
- Low profile board, includes low and high profile brackets.
- Includes 4 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

CAN Bit Rate	20-1000 kbp/s
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	4
Certificates	CE, RoHS
Connectors	HD DSUB 26
Dimensions	Low profile 86 x 69 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	CAN, PCI
Operating Systems	Linux, Windows [1]
Power Consumtion	700-1300 mW
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	50 g (192 with cable)

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

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Ref. No. 98269-7 v. 2.0

KVASER
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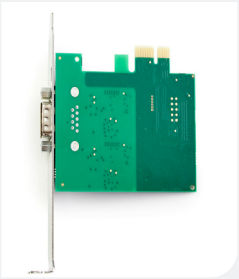
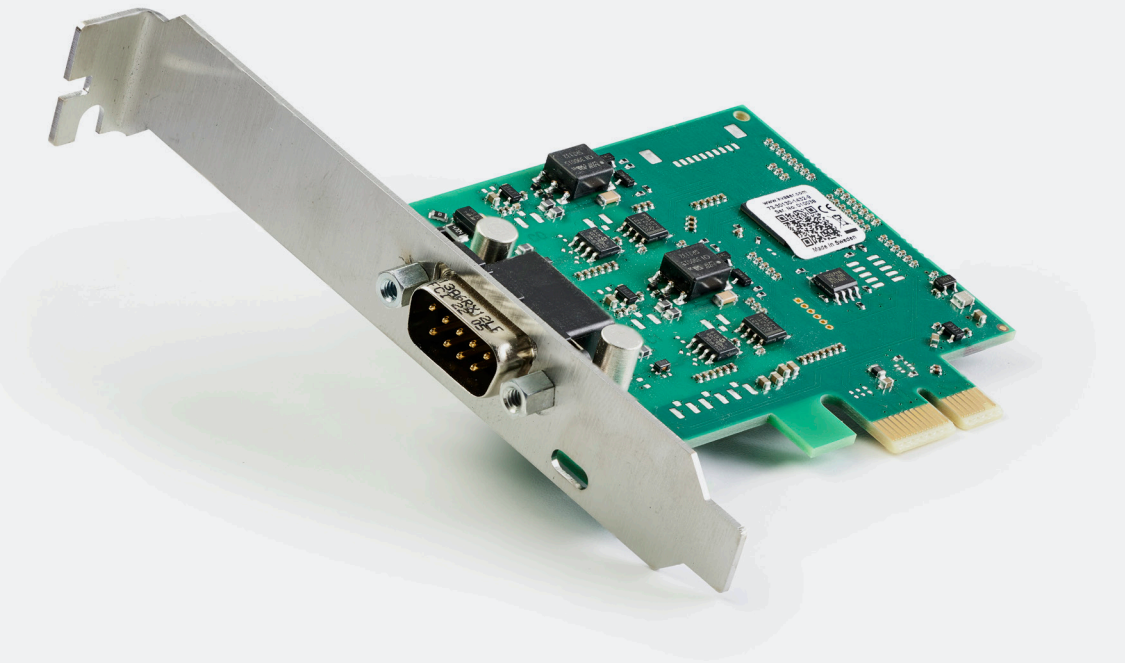
Kvaser PCIEcan 2xCAN v3

Learn more about this product





Your Gateway to Efficient Connectivity

Kvaser PCIEcan 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 PCIEcan 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
73-30130-01432-9

Ref. No. 98265-9 v. 2.0

KVASER
Advancing connectivity

Kvaser PCIEcan 2xCAN v3

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.
- Low profile board, includes low and high profile brackets.
- 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

CAN Bit Rate	20-1000 kbp/s
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	2
Certificates	CE, RoHS
Connectors	D-SUB 9
Dimensions	Low profile 86 x 69 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	CAN, PCI
Operating Systems	Linux, Windows [1]
Power Consumtion	700-1000 mW
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	49 g (129 g with cable)

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

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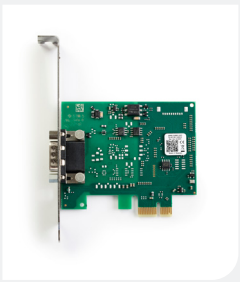
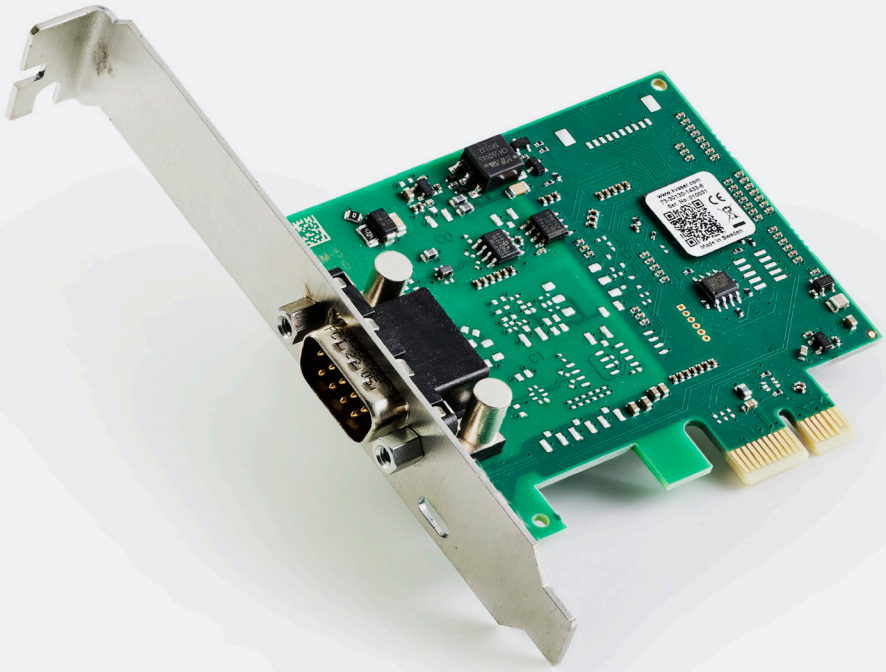
KVASER
Advancing connectivity

Kvaser PCIEcan 1xCAN v3

Learn more about this product





Your Gateway to Efficient Connectivity

Kvaser PCIEcan 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 PCIEcan 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
73-30130-01433-6

Ref. No. 98266-6 v. 2.0

KVASER
Advancing connectivity

Kvaser PCIEcan 1xCAN v3

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.
- Low profile board, includes low and high profile brackets.
- 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

CAN Bit Rate	20-1000 kbp/s
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	1
Certificates	CE, RoHS
Connectors	D-SUB 9
Dimensions	Low profile 86 x 69 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	CAN, PCI
Operating Systems	Linux, Windows [1]
Power Consumtion	700-850 mW
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	48 g

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

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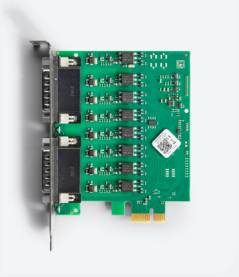
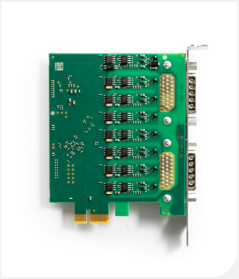
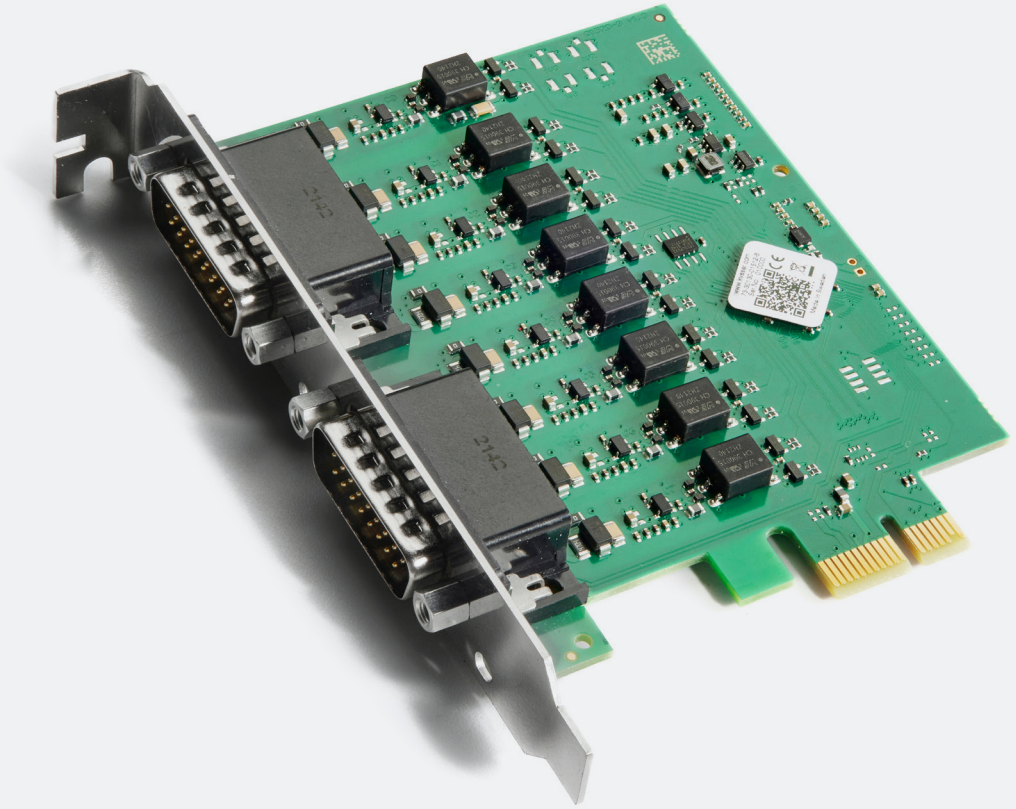
KVASER
Advancing connectivity

Kvaser PCIe 8xCAN

Learn more about this product







Your Gateway to Efficient Connectivity

The Kvaser PCIe 8xCAN maximizes channel density through a single PCIe x1 slot, enabling the effortless design of advanced CAN systems.

It is a compact and advanced multi-channel real-time CAN interface with eight CAN/CAN FD channels.

The Kvaser PCIe 8xCAN is highly scalable. Multiple boards can be connected to capture data from tens of CAN channels at a time. An example is hardware-in-the-loop (HIL) suites for automotive testing, where 40 CAN channels are commonly required.

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

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

EAN
73-30130-01512-8

KVASER
Advancing connectivity

Kvaser PCIe 8xCAN

Major Features

- PCI Express CAN interface.
- Supports CAN FD, up to 8 Mbit/s.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- 100 % 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 silent mode for analysis tools – listens to the bus without interfering.
- Supports simultaneous usage of multiple Kvaser interfaces.
- Full-profile PCIe card.
- Support for SocketCan.
- 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**).

HD26-4xDS9 splitter
EAN: 73-30130-00830-4

HD26-4xM12 splitter
EAN: 73-30130-01412-1

The Kvaser PCIe 8xCAN devices feature two 26-pin HD D-SUB connectors, each providing four channels. A **HD26-4xDS9 splitter** can be used to connect to four separate 9-pin D-SUB connectors. Alternatively, an **HD26-4xM12 splitter** can be used to connect to four separate 5-pin M12 connectors.

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

CAN Bit Rate	20-1000 kbp/s
CAN Channels	8
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Transceivers	Compliant with ISO 11898-2
CAN Controller	Kvaser CAN IP in FPGA
Certificates	CE, RoHS
Connectors	Two 26-pin HD D-SUB
Dimensions	High profile 102 x 80 mm
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Host interface	PCI Express x1
Interfaces	CAN, PCI Express
Max message rate	20000 [1] msg/s per channel
Operating Systems	Linux, Windows [2]
Power Consumption	Typically 980 mA at 3.3 V
Relative humidity	0 % to 85 % (non-condensing)
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	72 g

[1] The message rate is based on tests on a reasonably powerful desktop computer. On a slow host computer, it might not be possible to reach the maximum message rate on all channels simultaneously, especially when running on smaller embedded systems.

[2] Windows 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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