KVASER
Advancing connectivity

Kvaser USBcan Light 2xHS

Learn more about this product

Your Gateway to Efficient Connectivity

The Kvaser USBcan Light 2xHS is a compact, reliable and cost-effective means of connecting two high-speed CAN busses to a PC or mobile computer. With a USB Type-A connector at one end and two 9-pin D-SUB connectors at the other, the Kvaser USBcan Light 2xHS is a fraction larger than the one-channel Leaf Light v2 but features the same sleek, ergonomically designed housing that Kvaser products have become renowned for and comes with galvanic isolation as standard.

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

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

EAN
73-30130-00714-7

Ref. No. 98306-9 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Light 2xHS

Major Features

- One USB 2.0 compliant device provides easy access to two CAN busses.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29bit (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.
- 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

Bit Rate	40-1000 kbps
Certificates	CE, RoHS
Channels	2
Connectors	DSUB 9
Current Consumption	Typical 132 mA
Dimensions	50 x 170 x 20 mm for body incl. strain relief
Error Frame Generation	No
Error Counters Reading	No
Galvanic Isolation	Yes
Interfaces	USB, CAN
Material	PA66
Messages Per Second Receive	8000 mps
Messages Per Second Sending	8000 mps
Operating Systems	Linux, Windows [1]
Silent Mode	No
Temperature Range	-20 to +70 °C
Timestamp	100 µs
Weight	150 g

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

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Ref. No. 98306-9 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 2xHS v2

Learn more about this product

Your Gateway to Efficient Connectivity

The USBcan Pro 2xHS v2 is a USB to dual-channel CAN or CAN FD interface with scripting capability. With a standard USB connector and two high-speed CAN channels with ISO 11898-2 compliant CAN transceivers in two separate 9-pin D-SUB CAN connectors, it is high-performance, yet compact, and can be used as a simple dual-channel interface to connect two high speed CAN buses to a PC or mobile computer, or can be programmed to do more.

The Pro version is shipped with Kvaser TRX, a lightweight development environment that lowers the bar when starting out programming the device.

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

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

EAN
73-30130-00752-9

Ref. No. 98308-3 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 2xHS v2

Major Features

- Supports CAN FD.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Galvanic isolation.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Kvaser MagiSync provides automatic time synchronization between several PC-to-bus interfaces connected to the same PC.
- Programming functionality to support interface mode e.g. optimize protocol handling, pre-filter CAN messages directly on the interface or simulate missing hardware.
- Simultaneous operation of multiple devices.
- 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

Bitrate	50-1000 kbps
Certificates	CE, RoHS
Channels	2
Connectors	DSUB 9
Current Consumption	Max 500 mA
Dimensions	50 x 170 x 20 mm for body incl. strain relief
Error Frame Generation	Yes
Error Counters Reading	Yes
Galvanic Isolation	Yes
Interfaces	USB
Material	PA66
Messages Per Second Receive	20000 mps
Messages Per Second Sending	20000 mps
Operative Systems	Linux, Windows [1]
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp	1 µs
Weight	150 g

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

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Ref. No. 98308-3 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Light 4xHS

Learn more about this product

Your Gateway to Efficient Connectivity

The USBcan Light 4xHS is a compact, reliable and cost-effective means of connecting four high-speed CAN busses to a PC or mobile computer. With galvanic isolation as standard, this USB to quad channel CAN interface has a standard USB connector at one end and four high speed CAN channels in a single 26-pin HD D-SUB CAN connector at the other. The supplied HD26-4xDS9 splitter can be used to connect to four separate 9-pin D-SUB connectors.

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

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

EAN
73-30130-00831-1

KVASER
Advancing connectivity

Kvaser USBcan Light 4xHS

Major Features

- Low-cost USB CAN interface.
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Galvanic isolation.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Simultaneous operation of multiple devices.
- 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

Bit Rate	50-1000 kbps
Certificates	CE, RoHS
Channels	4
Connectors	26-pin HD D-SUB
Current Consumption	Max 500 mA
Dimensions	50 x 170 x 20 mm for body incl. strain relief
Error Frame Generation	No
Error Counters Reading	No
Galvanic Isolation	Yes
Interfaces	USB, CAN
Material	PA66
Messages Per Second Receive	8000 mps
Messages Per Second Sending	8000 mps
Operating Systems	Linux, Windows [1]
Silent Mode	No
Temperature Range	-20 to +70 °C
Timestamp	100 µs
Weight	300 g

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

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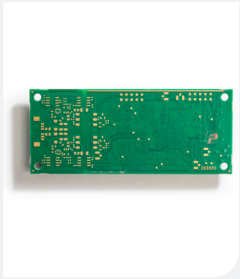
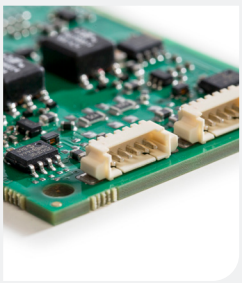
Ref. No. 98310-6 v. 2.0

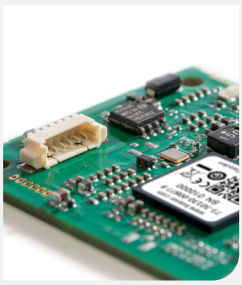
KVASER
Advancing connectivity

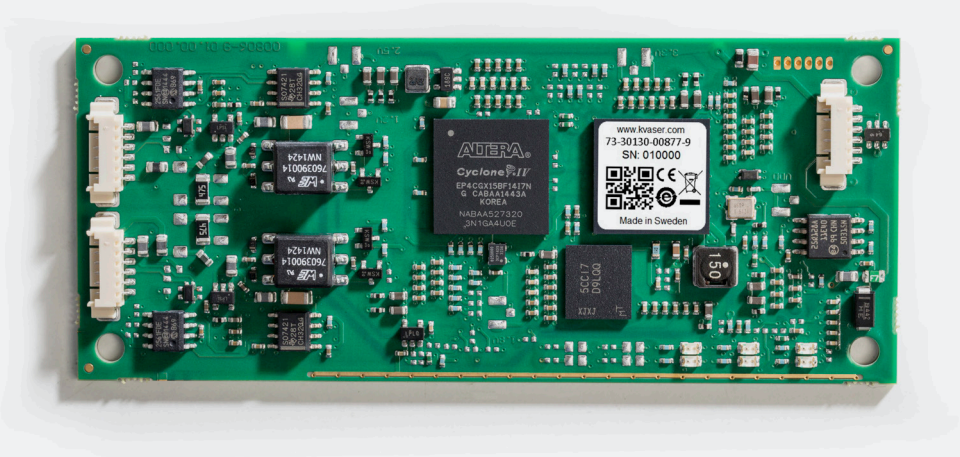
Kvaser USBcan Pro 2xHS v2 CB

Learn more about this product









Your Gateway to Efficient Connectivity

The USBcan Pro 2xHS v2 CB is a bare circuit board version of Kvaser's USBcan Pro 2xHS v2 dual channel CAN or CAN FD interface with scripting capability, the USBcan Pro 2xHS v2 CB is supplied 'bare board' i.e. without a housing, and can thus be built into any system.

The Pro version is shipped with Kvaser TRX, a lightweight development environment that lowers the bar when starting out programming the device.

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

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

EAN
73-30130-00877-9

KVASER
Advancing connectivity

Kvaser USBcan Pro 2xHS v2 CB

Major Features

- Plug-and-play installation.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Power derived from the USB connection, CAN, or an in-built power supply.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1Mbit/s.
- Kvaser MagiSync provides automatic time synchronization between several PC-to-bus interfaces connected to the same PC.
- Optimize protocol handling, pre-filter CAN messages directly on the interface, or simulate missing hardware with programming functionality.
- 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

Bitrate	50-1000 kbps
Certificates	CE, RoHS
Channels	2
Connectors	Molex 6-pin
Current Consumption	Max 500 mA
CAN FD	Yes
Dimensions	42 x 100 x 6 mm
Error Frame Detection	Yes
Galvanic Isolation	Yes
Interfaces	USB, CAN
Operative Systems	Linux, Windows [1]
Silent Mode	Yes
***t*-Script**	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	50 g

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

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Ref. No. 98324-3 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan R v2

Learn more about this product

Your Gateway to Efficient Connectivity

Kvaser USBcan R v2 2xHS is a lightweight, yet highly durable, two channel CAN bus interface. The IP65-rated housing is made of aluminum alloy, sealed with a heavy-duty polyurethane coating that assures reliable protection against water and dust ingress, and is vibration, shock and drop proof. With a standard USB2.0 connection and two high-speed CAN channels in two separate 9-pin D-SUB CAN connectors, the Kvaser USBcan R v2 2xHS handles transmission and reception of standard and extended CAN messages, with a time stamp precision of 100 microseconds. Features include error frame detection.

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

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

EAN
73-30130-00920-2

KVASER
Advancing connectivity

Kvaser USBcan R v2

Major Features

- Connect to two CAN channels simultaneously using just one device.
- IP65 rated lightweight aluminum housing, sealed with polyurethane coating.
- Capable of sending up to 15000 messages per second, per channel, each time-stamped with 100 microsecond accuracies.
- Quick and easy plug-and-play installation.
- Supports High Speed CAN (ISO 11898-2) up to 1 Mbit/s.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Power is taken from the USB bus.
- Detection of error frames.
- LED lights alert user to device status.
- 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

Casing Material	Aluminum
Certificates	CE, RoHS
Channels	2
Current Consumption	~ 5V and 130mA powered from the USB
Dimensions	30 x 200 x 17 mm for body incl. strain relief
Error Counters Reading	No
Error Frame Detection	Yes
Error Frame Generation	No
Galvanic Isolation	Yes
Interfaces	USB, CAN
IP Class	IP65
Maximum Bitrate	1000 kbps
Minimum Bitrate	50 kbps
Msgrate Rx Max	15000
Msgrate Tx Max	15000
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
Temperature Range	-40 to +70 °C
Weight	176 g

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

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Ref. No. 98325-0 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 4xHS

Learn more about this product

Your Gateway to Efficient Connectivity

The Kvaser USBcan Pro 4xHS is an advanced, portable multi-channel CAN to USB real time interface that handles transmission and reception of standard and extended CAN messages on the CAN bus with a high time stamp precision. Features include *t* programming and MagiSync™, which makes it possible to synchronise time stamps across multiple Kvaser MagiSync™-enabled devices without requiring extra wires.

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

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

EAN
73-30130-01261-5

Ref. No. 98320-5 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 4xHS

Major Features

- Multi-channel USB CAN interface with Kvaser *t* programmability.
- 20 000 msg/s per channel, each timestamped with a resolution of 1 µs.
- Kvaser MagiSync™ – automatic time synchronization.
- Supports CAN FD, up to 8 Mbit/s (with correct physical layer implementation).
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analysis tools – listen to the bus without interfering.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Simultaneous operation of multiple devices.
- Power is taken from the USB bus.
- Includes a 4-channel breakout cable HD-26 to 4xDB-9
- 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	40-1000 kbp/s
CAN Channels	4
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
Certificates	CE, RoHS
Connector	HD-26
Current Consumption	Max 500 mA
Dimensions	50 x 170 x 20 mm incl. strain relief
Error Frame Generation	Yes
Galvanic Isolation	Yes
Interfaces	USB, CAN
IP Rating Housing	IP40
Operating Systems	Linux, Windows [1]
Silent Mode	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	300 g

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

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Ref. No. 98320-5 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 4xCAN Silent

Learn more about this product

Your Gateway to Efficient Connectivity

The USBcan Pro 4xCAN Silent, a compact, multichannel four-channel CAN/CAN FD to USB real-time interface that is always silent on the CAN bus ('listen only'). This CAN interface is made silent through hardware and thus, cannot transmit on bus.

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

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

EAN
73-30130-01411-4

Ref. No. 98273-4 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 4xCAN Silent

Major Features

- USB CAN interface with Kvaser t programmability.
- Always in silent mode - listens to the bus without interfering it.
- 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.
- Power is taken from the USB port.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Supports simultaneous usage of multiple Kvaser interfaces.
- 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 kbit/s to 1 Mbit/s
CAN Channels	4
Certificates	CE, RoHS
Connector	26-pin HD D-SUB
Dimensions	50 x 170 x 20 mm
Error Frame Detection	Yes
Galvanic Isolation	Yes
Interfaces	CAN, USB
MagiSync	Yes
Operating System	Linux, Windows [1]
Power Consumption	Typical 150 mA
Silent Mode	Yes
***t*-Script**	Yes
Temperature Range	-40 to +85 °C
Timestamp Resolution	1 µs
Weight	150 g (300 g with splitter)

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

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KVASER
Advancing connectivity

Kvaser USBcan Pro 5xCAN

Learn more about this product

Your Gateway to Efficient Connectivity

Kvaser USBcan Pro 5xCAN is a small, yet advanced, portable multi channel CAN to USB real time interface that handles transmission and reception of Classic CAN and CAN FD messages on the CAN bus with a high timestamp precision. The Kvaser USBcan Pro 5xCAN 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
73-30130-01524-1

Ref. No. 98323-6 v. 2.0

KVASER
Advancing connectivity

Kvaser USBcan Pro 5xCAN

Major Features

- USB CAN interface with Kvaser *t* Script.
- Supports CAN FD, up to 8 Mbit/s.
- Quick and easy plug-and-play installation.
- Power is taken from the USB port, or from the USB port together with the CAN connector. External power is recommended when using all 5 channels simultaneously.
- 100% compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- Kvaser MagiSync – automatic time synchronization.
- Supports silent mode for analysis tools – listen to the bus without interfering.
- Supports simultaneous usage of multiple Kvaser interfaces.
- Support for SocketCAN.
- Includes 5 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 SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser 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 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 kbit/s to 1 Mbit/s
CAN Channels	5
CAN Connector	26-pin HD D-SUB
CAN Controller	Kvaser CAN IP in FPGA
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Transceivers	Compliant with ISO 11898-2
Dimensions	68 x 170 x 23 mm (for body incl. strain relief)
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
IP Rating Housing	IP40
Kvaser MagiSync	Yes
Kvaser *t* Script	Yes
Max Message Rate	20000 msg/s per channel
Operating Systems	Linux, Windows [1]
Operating Temperature Range	-40 to +85 °C
Optional External Power	9-40 V
Power Consumption	2.5 W
Regulatory Compliance	CE, FCC
Timestamp resolution	1 µs
Weight	178 g (347 g including HD26-5DS9 cable splitter)

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

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