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this product

Your Gateway to Efficient Connectivity

The latest laptops and PCs come with USB-C slots only, so the Kvaser U100-C (01340-7) has been added to Kvaser's U100 range of robust, single-channel CAN/CAN FD to USB interfaces. This interface is based on the standard Kvaser U100 with DB-9 connector, but replaces the standard USB type "A" connector with the smaller USB-C format. As with other devices in the range, this is powered via the USB bus.

Robust, galvanically-reinforced and signal and power isolated, the Kvaser U100 range offers enhanced electrical protection, a vibration, shock and drop-proof housing and highquality cabling that establishes a new reference in CAN interface design.

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

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

EAN
73-30130-01340-7

Major Features

- 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.
- Lightweight, glass fibre reinforced polyamide housing, overmolded with TPE.
- USB-C connector.
- Intelligent LED UI.
- Reinforced Galvanic Isolation, 5000VAC rms applied for 60 seconds).
- 20000 msg/s, each timestamped with a resolution of 100 µs.
- Support for SocketCAN.
- Fully compatible with applications written for other Kvaser CAN hardware with Kvaser CANlib.
- 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	10-1000 kbp/s
CAN FD	Yes
CAN FD Bit Rate	Up to 8 Mbit/s
CAN Channels	1
CAN Transceivers	11898-2 Compliant
Casing Material	PA/TPE
Connector	DSUB 9
Current Consumption	Typical 250 mA
Dimensions	38 x 128 x 26 mm for body
Galvanic Isolation	Yes
Interfaces	USB, CAN
IP Rating Housing	IP67
Operating Systems	Linux, Windows [1]
Operating Temperature Range	-40 to +85 °C
Regulatory Compliance	CE, FCC
Timestamp Resolution	100 µs
Weight	167 g

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