



Kvaser USBcan Pro 2xHS v2

EAN: 73-30130-00752-9

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.

Feature List

- Supports CAN FD.
- 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 bus.
- Galvanic isolation.
- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- 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.

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details.

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

Software

- Documentation, software and drivers can be downloaded for free at www.kvaser.com/downloads. • Units are shipped with Kvaser TRX, a lightweight development environment. • 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, and Visual Basic. • All Kvaser CAN interface boards share a common software API. 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. • On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER USBCAN PRO 2XHS V2

ERROR COUNTERS READING	No
ON-BOARD TX BUFFER	N/A
HEIGHT (MM)	25
GALVANIC ISOLATION	Yes
STATUS	Active
SILENT MODE	Yes
PC INTERFACE	USB
LENGTH (MM)	170
CASING MATERIAL	-
CERTIFICATIONS	RoHS
MSGRATE RX MAX	20000
CAN FD	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
TIMESTAMP RESOLUTION (US)	1
OPERATING SYSTEM	Win Vista,Win 10,Win 8,Win 7,Win XP
CURRENT CONSUMPTION	max 500mA
ERROR FRAME GENERATION	Yes
MAXIMUM BITRATE (KBPS)	1000
NETWORK CHANNEL(S)	2 x CAN HS
ON-BOARD BUFFER	No
MSGRATE TX MAX	20000
ERROR FRAME DETECTION	Yes
WEIGHT (G)	150.0
API, FREE	Kvaser API, J2534, RP 1210
EMBEDDED SCRIPT	Yes
MINIMUM BITRATE (KBPS)	50
CONNECTOR	DSUB 9



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WIDTH (MM)	70
IP CLASS	
CLOCK SYNC	Yes
SOUND	No
RUGGED	No
API, LICENCED	None
ON-BOARD RX BUFFER	N/A
# OF CAN CHANNELS	2

The information herein is subject to change without notice