



Kvaser USBcan Pro 5xHS

EAN: 73-30130-00779-6

Kvaser USBcan Pro 5xHS is a five channel, high performance, CAN bus interface that provides a quick and flexible way to connect your PC to multiple CAN bus, in real-time. With all channels configured for High Speed CAN (ISO 11898-2), the Kvaser USBcan Pro 5xHS handles transmission and reception of standard and extended CAN messages on the bus with a high time stamp precision. This device supports CAN FD.

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.
- 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.
- Five CAN channels integrated in a single 26-pin HD D-SUB connector.
- Includes 5 channel breakout cable.
- Support for SocketCAN, see elinux.org for details.

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details. Register your product at kvaser.com/getting-started for an additional 1-year Warranty Extension.

Support

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

Software

- Documentation, software and drivers can be downloaded for free at 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, 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 5XHS

| | |
|---------------------------------|---|
| OPERATING SYSTEM | Linux,Win 7,Win 10,Win 8 |
| ON-BOARD BUFFER | Yes |
| EMBEDDED SCRIPT | Yes |
| HEIGHT (MM) | 23 |
| CLOCK SYNC | Yes |
| LENGTH (MM) | 170 |
| PC INTERFACE | USB |
| WIDTH (MM) | 68 |
| CASING MATERIAL | PA66 |
| TIMESTAMP RESOLUTION (US) | 1 |
| DATABASE DBC SUPPORT | No |
| ERROR FRAME DETECTION | Yes |
| STATUS | Obsolete |
| WEIGHT (G) | 150.0 |
| GALVANIC ISOLATION | Yes |
| ON-BOARD RX BUFFER | Yes |
| SILENT MODE | Yes |
| MSGRATE TX MAX | 20000 |
| CONNECTOR | DSUB 26 or 5xDSUB 9 with co-sent splitter cable |
| RUGGED | No |
| NETWORK CHANNEL(S) | 5 x CAN HS |
| MAGISYNC | Yes |
| API, LICENCED | None |
| OPERATING TEMPERATURE RANGE (C) | -40 °C to +85 °C |
| ON-BOARD TX BUFFER | No |
| MSGRATE RX MAX | 20000 |
| CERTIFICATIONS | CE,RoHS |

Kvaser
Aminogatan 25 A SE 431 53 Mölndal SWEDEN
Kvaser Europe AB
Telephone: +46 31 886344
Email: sales@kvaser.com
<https://www.kvaser.com/>



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| | |
|------------------------|---------------------------|
| CURRENT CONSUMPTION | Max 500mA |
| IP CLASS | IP40 |
| API, FREE | Kvaser API, J2534, RP1210 |
| CIRCUIT BOARD | No |
| # OF CAN CHANNELS | 5 |
| MINIMUM BITRATE (KBPS) | 40 |
| PRODUCT GROUPS | USBcan |
| ERROR COUNTERS READING | Yes |
| CAN FD | Yes |
| SOUND | No |
| ERROR FRAME GENERATION | Yes |
| MAXIMUM BITRATE (KBPS) | 1000 |

The information herein is subject to change without notice