



KVASER PCIECAN 4XHS

EAN 73-30130-00683-6

Kvaser PCIEcan 4xHS is a highly integrated, high-speed controller area network (CAN) card that adds four high-speed CAN network channels to any standard computer board with PCI Express capability. Offering silent mode, error frame detection and an on-board buffer, this small form factor add-on board fits many embedded data acquisition systems and supports CAN FD.

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Major Features

- Supports CAN FD.
- Quick and easy plug-and-play installation.
- Supports high-speed CAN (ISO 11898-2).
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Low profile card (86 x 69 mm) allows ultra-compact systems.
- Implements Kvaser's CAN IP in an FPGA, resulting in high max message rate.
- Four CAN high-speed channels in a single 26-pin HD D-SUB CAN connector. The HD26 splitter connects to the CAN bus via four 9-pin DSUB connectors.
- Four yellow LEDs that indicate when a CAN message is received or sent.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- Supports silent mode for analysis tools – listens to the bus without interfering.
- Detection and generation of error frames and remote frames.
- Designed for standard and industrial computers.
- Galvanically isolated CAN bus drivers.
- Wide operating temperature of 0°C to +85°C.
- Supports the Kvaser Linx.

Technical Data

| | |
|-----------------------------|----------------------------------------|
| Timestamp | 1 |
| Messages Per Second Receive | 20000 mps |
| Messages Per Second Sending | 20000 mps |
| Weight | 100 g |
| Length | 90 mm |
| Height | 20 mm |
| Channels | 4 |
| Certificates | CE, RoHS |
| Interfaces | PCI Express |
| Categories | PC Interfaces, Interfaces |
| OS | Windows 10, 8, 7, Vista, XP, and Linux |
| Connectors | 26-pin HD D-SUB |
| Buffers | On Board Buffer |
| Galvanic Isolation | Yes |
| Error Frame Generation | Yes |
| Error Counters Reading | No |
| Silent Mode | Yes |
| Sound | No |

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.

Online documentation in Windows HTML-Help and Adobe Acrobat format.

