

OEM: Create Your Own Custom PCI Interface

Don't see a PCI interface that's exactly right for you? Let us build you one.

Our hardware customization services put Kvaser's 30-years of CAN development experience to work, for you. You'll get best-in-class hardware; built exactly the way you need it.



TDS Precision Products GmbH
Industriestrasse 1a
CH-8157 Dielsdorf

T + 41 44 885 30 80
info@tds-pp.com
www.tds-pp.com

Kvaser PCI

INDUSTRY-LEADING HIGH-SPEED
PCI TO CAN INTERFACES

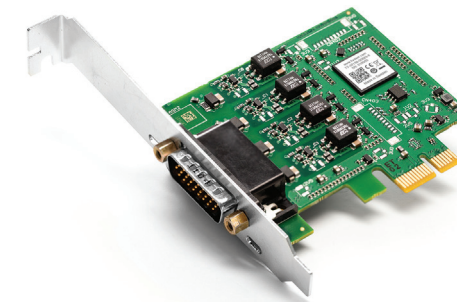
Kvaser PCI

Industry-Leading High-Speed PCI to CAN Interfaces

Kvaser's PCI hardware offers the industry's most flexible, high-performance PCI-based high-speed CAN interfaces. Every model in our lineup is carefully engineered, and compatible with software & services from over 100 technical partners.

Main Features

- PCI-X, PCIe, Mini PCIe and PCI 104 Interfaces
- 8,000–20,000 Messages Per Second
- 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) Identifiers
- Galvanic Isolation
- Fully Compatible with J1939, CANopen, NMEA 2000 and DeviceNet



PCI Versions & Specifications

Specs	Mini PCI Express HS	PCIEcan HS v2	PCICanx HS	PCICanx II HS	PCIEcan 2xHS v2	Mini PCI Express 2xHS	PCICanx HS/HS	PCI104 HS/HS IDC	PC104+ HS/HS	PCICanx II HS/HS	PCIEcan 4xHS	PCICanx 4xHS
Part Number	00688-1	00866-3	00332-3	00344-6	00861-8	00743-7	00331-6	00424-5	00352-1	00343-9	00683-6	00330-9

HARDWARE SPECIFICATIONS

# of CAN Channels	1	1	1	1	2	2	2	2	2	2	4	4
Connectors	Molex 53780 PanelMate™	DSUB 9	DSUB 9	DSUB 9	DSUB 9	Molex 53780 PanelMate™	DSUB 9	IDC 10	DSUB 9	DSUB 9	26-pin HD D-SUB	DSUB 25
Dimensions (L x W x H) mm	50 x 30 x 5 mm	86 x 69 x 20 mm	65 x 120 x 20 mm	65 x 120 x 20 mm	86 x 69 x 20 mm	50 x 30 x 5 mm	95 x 120 x 20 mm	96 x 91 x 20 mm	96 x 91 x 20 mm	95 x 120 x 20 mm	86 x 69 x 20 mm	100 x 120 x 20 mm
Galvanic Isolation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Interface	Mini PCI Express	PCI Express	PCI	PCI	PCI Express	Mini PCI Express	PCI	PCI104	PC 104+	PCI	PCI Express	PCI
Temperature Range	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	0 to +85 °C	-40 to +85 °C
Weight (g)	10 g	50 g	100 g	100 g	48 g	10g	100 g	100 g	100 g	100 g	100 g	100 g

TECHNICAL PERFORMANCE

11-bit CAN 2.0A & 29-bit CAN 2.0B	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Arbitration Bitrate	40 - 1000 Kbps	50-1000 Kbps	20 - 1000 Kbps	20 - 1000 Kbps	50 - 1000 Kbps	40 - 1000 Kbps	20 - 1000 Kbps	20 - 1000 Kbps	5 - 1000 Kbps	20 - 1000 Kbps	40 - 1000 Kbps	20 - 1000 Kbps
Max Data Bitrate	N/A	8Mbit/s	N/A	N/A	8Mbit/s	N/A	N/A	N/A	N/A	N/A	8Mbit/s	N/A
CAN FD Capable	No	ISO & Non-ISO	No	No	ISO & Non-ISO	No	No	No	No	No	ISO & Non-ISO	No
Error Counters Reading	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Error Frame Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Error Frame Generation	No	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
Messages Per Second Receiving	20000	20000	14000	14000	20000	20000	14000	14000	14000	14000	20000	14000
Messages Per Second Sending	18000	20000	18000	8000	20000	18000	18000	8000	8000	8000	20000	18000
On-board Buffer	Yes	No	No	Yes	No	Yes	No	No	Yes	Yes	No	No
Operating System	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux	Vista - Win 10, Linux
Silent Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Timestamp Resolution	25 µs	1 µs	100 µs	10 µs	1 µs	25 µs	100 µs	100 µs	1 µs	10 µs	1 µs	100 µs