

ATI ACCURATE TECHNOLOGIES

KVASER

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.

ATI ACCURATE TECHNOLOGIES
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Kvaser PCI

INDUSTRY-LEADING HIGH-SPEED
PCI TO CAN INTERFACES



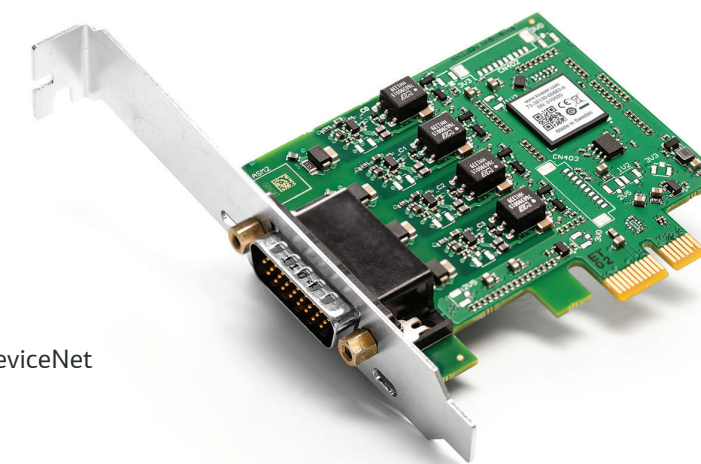
Kvaser PCI

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	PClcanx HS	PClcanx II HS	PCIEcan 2xHS v2	Mini PCI Express 2xHS	PClcanx HS/HS	PCI104 HS/HS IDC	PC104+ HS/HS	PClcanx II HS/HS	PCIEcan 4xHS	PClcanx 4xHS
EAN	00688-1	00866-3	00332-3	00344-6	00861-8	00743-7	00331-6	00424-5	00352-1	00343-9	00683-6	00330-9
# of Can Channels	1	1	1	1	2	2	2	2	2	2	4	4
Connectors	Molex 53780 PanelMate TM	DSUB 9	DSUB 9	DSUB 9	DSUB 9	Molex 53780 PanelMate TM	DSUB 9	IDC 10	DSUB 9	DSUB 9	26-pin HD D-SUB	DSUB 25
Interface	Mini PCI Express	PCI Express	PCI	PCI	PCI Express	Mini PCI Express	PCI	PCI104	PC 104+	PCI	PCI Express	PCI
Messages Per Second Sending	18,000	20,000	18,000	8,000	20,000	18,000	18,000	8,000	8,000	8,000	20,000	18,000
Messages Per Second Receiving	14,000	20,000	14,000	14,000	20,000	20,000	14,000	14,000	14,000	14,000	20,000	14,000
11-bit CAN 2.0A	Yes											
29-bit CAN 2.0B	Yes											
Galvanic Isolation	Yes											
CAN FD Capable	No	Yes	No	No	Yes	No	No	No	No	No	Yes	No
On-board Buffer	Yes	No	No	Yes	No	Yes	No	No	Yes	Yes	Yes	No
Error Frame Detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Error Counters Reading	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes
Error Frame Generation	No	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
Maximum Bitrate (Kbps)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Minimum Bitrate (Kbps)	40	50	-	-	50	40	-	20	5	-	-	-
Certifications	CE,RoHS											
Operating System	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux	Windows XP-10, Linux
Supported APIs	CANKing, CANlib, J2534, RP 1210											
Length (Mm)	50 mm	86 mm	65 mm	65 mm	86 mm	50 mm	95 mm	96 mm	96 mm	95 mm	90 mm	100 mm
Height (Mm)	5 mm	-	20 mm	20 mm	-	5 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm
Width (Mm)	30 mm	46 mm	120 mm	120 mm	69 mm	30 mm	120 mm	91 mm	91 mm	120 mm	70 mm	120 mm
Weight (G)	100 g	48 g	100 g	100 g	48 g	6 g	100 g	100 g	100 g	100 g	100 g	100 g
Timestamp Resolution (Us)	-	1µs	-	-	1µs	1µs	-	1µs	1µs	-	1µs	-
Temp Range	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	-40-85 °C	0-85 °C	-40-85 °C