



# CAN-USB/2

## CAN USB 2.0 Interface

- CAN network at USB 2.0
- Power supply by USB
- ALU-micro case

### Powerful CAN-Interface for PC

The CAN-USB/2 module is an intelligent CAN-interface with an ARM LPC2292 microcontroller for the local management of CAN-data. The module supports the USB 2.0 High Speed interface with data rates of 480 Mbit/s.

### CAN-Interface

The fully ISO 11898-compliant CAN-interface allows a data-transfer rate of a maximum of 1 Mbit/s. The fully ISO 11898-compliant CAN-interface allows a data-transfer rate of a maximum of 1 Mbit/s. Many of the CAN-interface features, such as the bit-rate, can be set through the software, and the CAN interface is electrically isolated by a high-speed opto-coupler and a DC/DC converter.

### Software Support

Software drivers are available for Windows 2K/XP, Windows XP x64, Windows CE and Linux. Drivers for other operating systems are available on request. The firmware can be loaded from the PC into the flash EPROM.

### LED Display

Four LEDs show the state of the module.



For further information please visit  
<http://www.esd-electronics-usa.com/CAN%20Gateways-USB-Ethernet-Modbus-TCP-EtherCAT-Profinet-DeviceNet-Profibus.html>

growing with the  
**challenge**

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### Technical Specifications

USB interface and microcontroller	
USB controller	PLX NET2272, USB 2.0, bit rate 480 Mbit/s
Microcontroller	Arm LPC 2292, 32 bit, 60 MHz
Memory	16 Kbyte SRAM, 256 Kbyte Flash EPROM
CAN interface	
CAN controller	Integrated in Arm LPC 2292, CAN 2.0A/B
CAN interface	Acc. to ISO11898, differential, opto-isolated, bit rate up to 1 Mbit/s
General	
Case dimensions	55 x 55 x 25 mm
Weight	70 g
Ambient temperature	0...50° C
Supply voltage	Via USB: 5V
Connectors	CAN: 9-pole DSUB (male) USB: Series B type USB (female)

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### Order Information

Designation		order no.
CAN-USB/2	USB 2.0, 1x CAN, ISO11898	C.2066.02
CAN-DRV-LCD	Object license CD-ROM for Windows & Linux	C.1101.02
CAN-USB-ME	Hardware manual	C.2066.21
CANopen-LCD	CANopen object license for Windows CD-ROM	C.1101.06



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