# zeno 42x CANquatro

powered by **zuragon**®

## What is CANquatro?

**zuragon**®

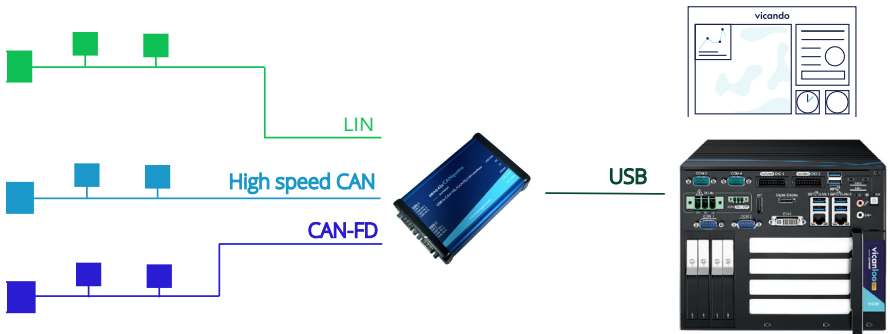## Engineering excellence is our motto

Zuragon was founded by a team committed to a disruptive change of the way the industry works with development and test systems for Autonomuous Driving (AD) and Advanced driver assistance systems (ADAS). By introducing a consistent family of products reutilizing the power of multi-OS design, ADAS knowledge and open source computer vision technology, hand in hand with established standard technologies, Zuragon can offer a suite of products that assists in ADAS development from concept to code on the road.

**zeno 42x CANquatro** Zeno 42X CANquatro is a compact, cost-effective and high performance vehicle bus interface for accessing multiple high speed CAN, CAN FD and LIN networks from a PC via standard USB connector.

The Zeno 42X CANquatro was born due to the reason that we see a need to improve the time precision for stamping the incoming data from multiple vehicle networks in one single box while we are working with third party USB-CAN interfaces in Vicando/Vicanlog. By using CANquatro you can access to 4 x CAN-FD, 2 x high speed CAN and 2 x LIN at the same time via one single device. Take Vicanlog PRO computer as an example, this will not only save you lots of USB slots, but also reserve limited PCI express slots for other purpose such as Ethernet card, or graphic card.
For data logging solutions at a large scale, it will save lots of expenses in the long run.

LIN

High speed CAN

CAN-FD

USB

# CANquatro highlights

01. Supports accessing of multiple CAN-HS, CAN-FD and LIN
02. Compact size
03. Seemlessly work with other Zuragon products: Vicanlog/vicanlog
04. High time synchronisation precision on gateway simulation
05. Synchronization between multiple channels

06. Supports most operating system such as Windows and Linux
07. Built-in interfacing UI in Vicando/Vicanlog
08. Firmware update via Vicando/Vicanlog
09. Built-in driver package in Vicando/Vicanlog
10. Powered from USB
11. Wide operating temperature range
12. Status LEDs for operating conditions
13. Easy to use

# Technical specifications

## Connectors

2  x 9-pin male D-sub connectors

## Interface

USB female type-B

## Current consumption

Max. 300 mA

## Error counters reading

YES

## Error frame generation

NO

## Operating system

Windows, Linux

## Silent mode

YES

## Temperature range

-40 - 85°C

## Timestamp precision(μ)

1 μs

## CAN-HS

2 channels, up to 1Mbit/s
CAN 2.0B, conforms to ISO11898-1:2015

## CAN-FD

4 channels
Conforms to ISO11898-1:2015
Arbitration Bit Rate up to 1 Mbps
Data Bit Rate up to 8 Mbps

## LIN

2 channels
Compliant with LIN 2.2A (ISO 17987) and SAE J2602

## Mechanical

**Dimensions:** 128 mm x 78 mm x 27 mm
(5.03i n x 3.07 in x 1.06 in)
**Weight:** 225 g (~0.49 lb)

## Enclosure material

Aluminum

## IP Rating

IP54

## Warranty

1-year warranty. Read more in the manual

## Support

support@zuragon.com

## Software

Vicando/Vicanlog. Try demo for free at:
www.zuragon.com