



PRODUCT DESCRIPTION

Zentro Link is a programmable Linux gateway and logic controller (PLC) featuring a pair of Ethernet ports and two RS485 ports. Thanks to its software openness, it is a universal gateway for the field of industrial automation and HVAC applications. In these projects the gateway can work as a control element or as a data logger for SCADA and MES control systems.

With its internet connectivity, it is a suitable solution for modernization of older „brownfield“ installations. The Zentro Link can be installed in applications on an end device of cloud services representing the basis for Smart City, Smart Factory, IoT, IIoT and Edge computing projects utilizing a large volume of aggregated data.

FUNCTIONALITY

Edge computing, cloud computing, gateway between SCADA communication and Ethernet (internet), local control device, HVAC communication module, industrial automation, Smart Factory, Smart City, IoT, IIoT.

FEATURES

- Communication interfaces**
- 2 RS485

1 1 × 1 Gbit Ethernet

1 1 × 100 Mbit Ethernet

- Software**
- OS Linux (Debian) – available as Base OS or including automation software such as Mervis OS, Node-RED OS

• Open-source solutions – Node-RED, Python, C, C++ and others

- Other features**
- Extendable memory storage using microSD

• Durable aluminium chassis (IP20)

• Ethernet interface act as a bridge (switch)

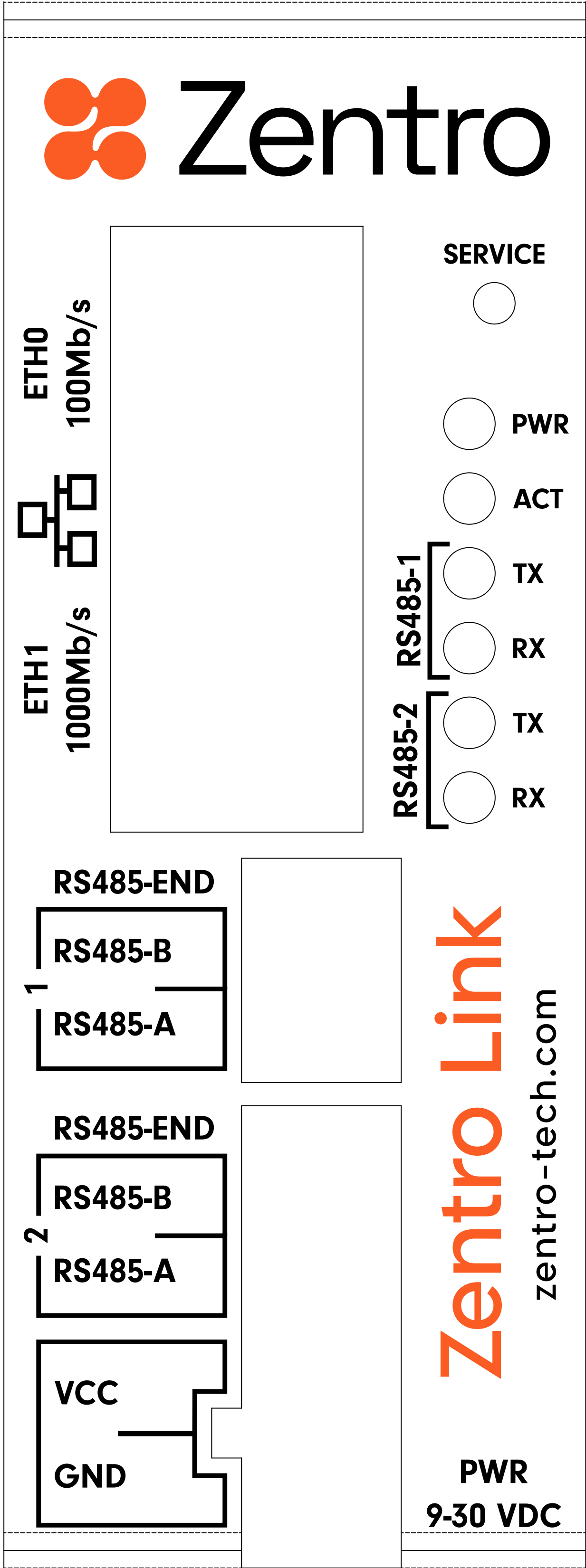
• Working temperature 0 °C to 55 °C

• Available in OEM variant

• Real Time Clock backup (up to 7 days)

• Installation to a DIN rail (35 mm), optionally on an electrical cabinet mounting plate

• LED indication of RS485, user LEDs



Product code: 2024047