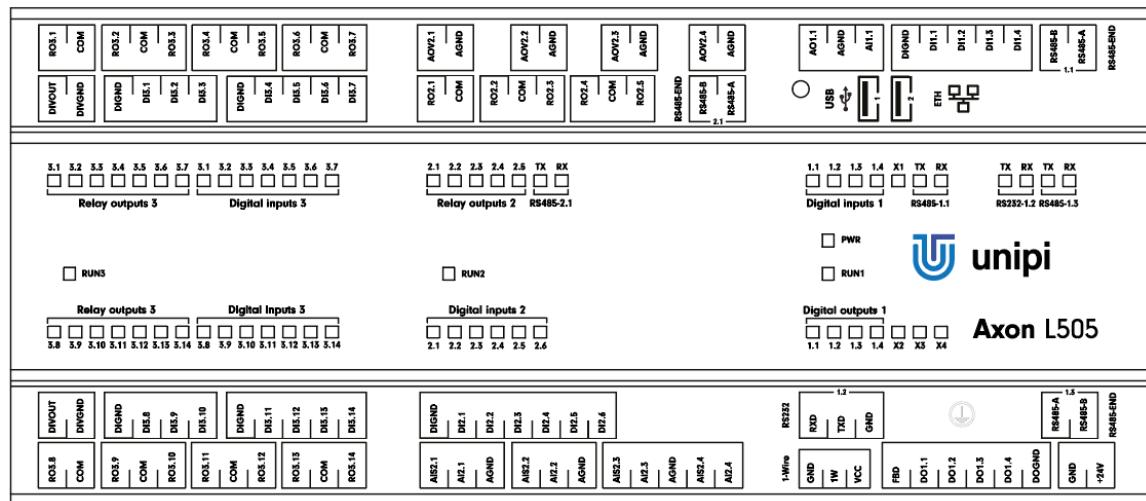


# Unipi Axon L505

## PRODUCT DESCRIPTION

Unipi Axon L505 is a programmable logic controller (PLC) designed for automation, control, regulation and monitoring. The L505 is an intermediate model of the Axon 500 line focused on a higher number of analog I/O, but also features a high number of all inputs/outputs available on Unipi products (digital, relay). That makes it applicable in complex projects including measurements and control of analog components. The controller is equipped with two RS485 serial interfaces a 1-Wire interface for connection of digital temperature or humidity sensors.



## COMPUTING MODULE

Allwinner H5 1.2 GHz quad-core CPU, 1GB RAM, 8GB eMMC onboard memory

## FEATURES

### Inputs/outputs

24 × digital input incl. counter  
 4 × digital output  
 19 × relay output  
 5 × analog input  
 5 × analog output

### Software

- Powered by OS Linux
- Mervis – IDE (IEC 61131-3), HMI editor, proxy server, cloud database, SCADA, wide range of supported protocols
- Open-source solutions – Node-RED, openHAB, Homebridge, FHEM, PiDome, DomoticGa, Domoticz, Pimatic and many more
- Custom SW implementation – EVOK open API, Modbus TCP interface, SysFS

## FUNCTIONALITY

Automation, IoT and IIoT, remote online monitoring and regulation, HVAC control, SCADA, sensorics, smart home control (lighting, doors, locks, irrigation etc.)

### Communication interfaces

- 3 × RS485
- 1 × RS232
- 1 × 1-Wire bus
- 1 × 1Gbit Ethernet
- 2 × USB 2.0

### Other features

- Built-in webserver
- Special functions – Direct Switch, MasterWatchdog, user LEDs
- Durable aluminium chassis (IP20)
- Extended operating temperature range
- Available in an OEM variant
- Custom development available (IQRF, LoRa, wM-Bus, ZigBee, EnOcean and more)

