

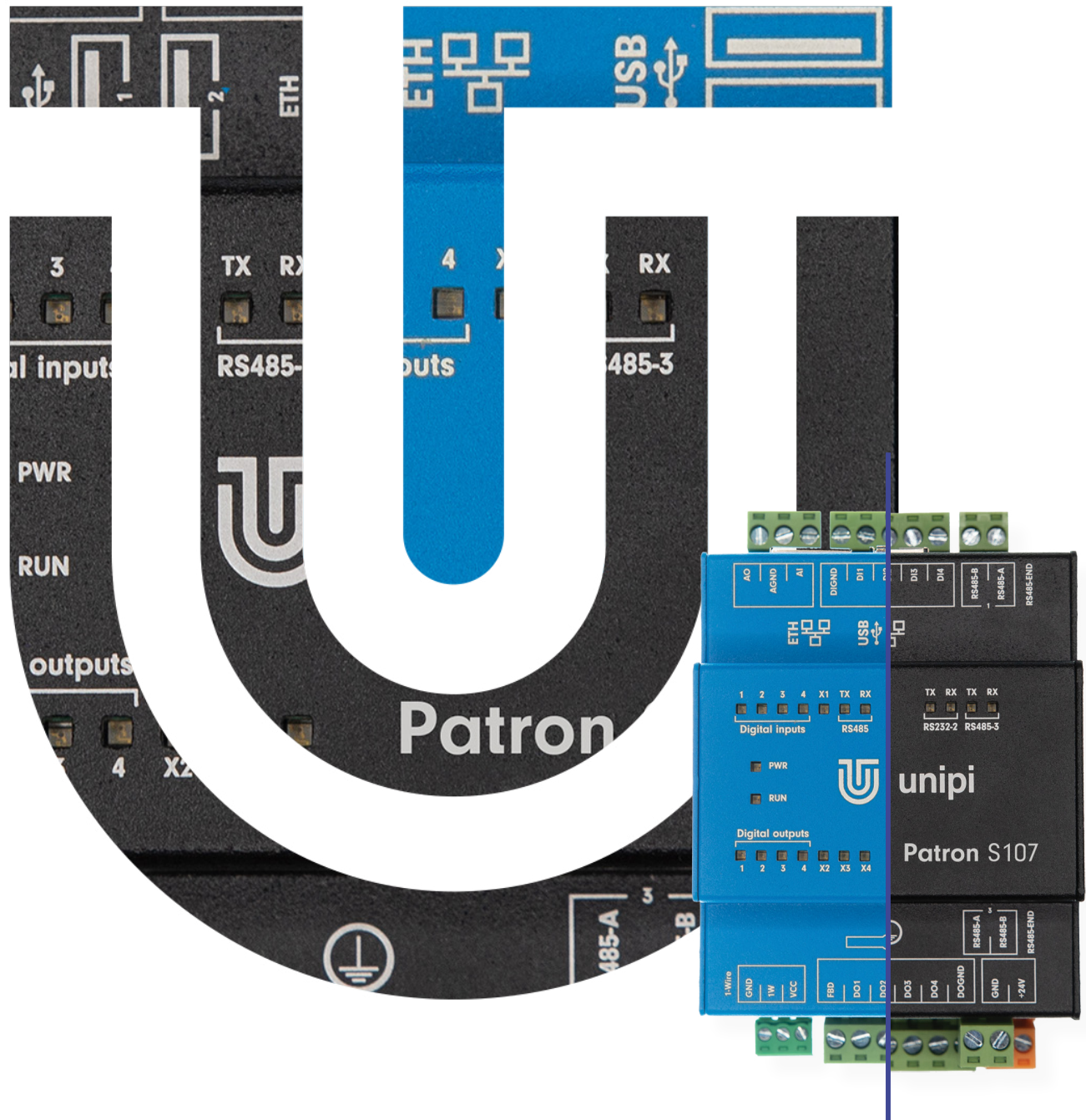
Automation

HVAC

Remote management

SCADA

Monitoring



# Product lines comparison

## Patron / Neuron / Axon

## UNIPI PATRON



## UNIPI NEURON



## UNIPI AXON



### Computing module

<b>Computing module type</b>	NXP i.MX 8M Mini	Raspberry Pi 3 Model B+ Raspberry Pi 4 Model B	Industrial computer
<b>CPU</b>	Quad-core, max. 1.8 GHz	RPi 3: Quad-core, 1.4 GHz RPi 4: Quad-core, 1.5 GHz	Quad-core Allwinner-H5 (ARM), 1.2 GHz
<b>RAM</b>	1 GB	Raspberry Pi 3: 1 GB Raspberry Pi 4: Selectable capacity (2/4/8 GB)	1 GB
<b>Internal memory</b>	Onboard 8GB eMMC memory	microSD memory card	Onboard 8GB eMMC memory

### Inputs and outputs

<b>Digital inputs</b>	✓	✓	✓
<b>Digital outputs</b>	✓	✓	✓
<b>Relay outputs</b>	✓	✓	✓
<b>Analog inputs</b>	✓	✓	✓
<b>Analog outputs</b>	✓	✓	✓

### Communication interfaces

<b>RS485</b>	✓	✓	✓
<b>RS232</b>	✓	✗	✓
<b>1-Wire</b>	✓	✓	✓
<b>Ethernet</b>	100 Mbit	RPi 3 (300 Mbit), RPi 4 (1 Gbit)	1 Gbit
<b>USB</b>	2× USB 2.0	Raspberry Pi 3: 4× USB 2.0 Raspberry Pi 4: 2× USB 2.0 + 2× USB 3.0	2× USB 2.0

### Software

<b>Open source</b>	Yes, powered by Linux OS	Yes, powered by Linux OS	Yes, powered by Linux OS
<b>Mervis</b>	Preinstalled, licence request included in the package	Licence request included in the package	Preinstalled, licence request included in the package
<b>API</b>	EVOK, Modbus TCP, SysFS	EVOK, Modbus TCP, SysFS	EVOK, Modbus TCP, SysFS

### Other features

<b>Dimensions</b>	Type S: 70×90×60 mm Type M: 140×90×60 mm Type L: 210×90×60 mm	Type S: 70×90×60 mm Type M: 140×90×60 mm Type L: 210×90×60 mm	Type S: 70×90×60 mm Type M: 140×90×60 mm Type L: 210×90×60 mm
<b>DIN rail mount (35mm)</b>	✓	✓	✓
<b>Aluminium chassis (IP20)</b>	✓	✓	✓
<b>Warranty duration</b>	4 years	2 years	2 years
<b>Special models</b>	LTE module (S167, M267, M567)	GPRS/GSM module (S103-G)	LTE module (M265, M565)
<b>Customization options</b>	✓	✓	✓
<b>Recommended use</b>	Automation projects, industrial automation, HVAC, control and monitoring, remote management, SCADA, sensorics, smart home...	Automation projects, HVAC, control, monitoring, remote management, SCADA, sensorics, smart home...	Automation projects, industrial automation, HVAC, control and monitoring, remote management, SCADA, sensorics, smart home...

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