



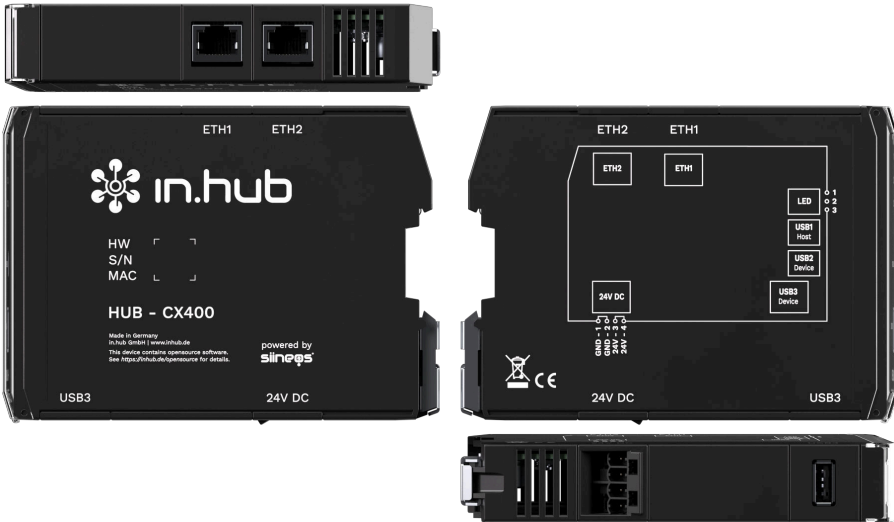
# HUB-CX400

## Technical data sheet

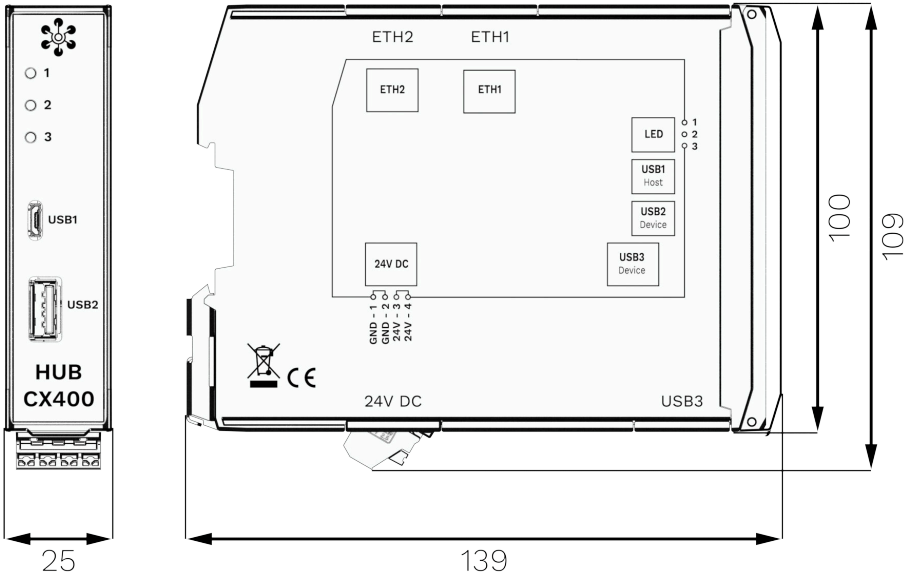
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# Views of the HUB-CX400

## Device views



## Schematic diagram



Dimensions of the HUB-CX400 in mm

## Technical data

<b>Data</b>	
Power supply	24 V DC $\pm$ 10 %
Max. power consumption	120 W
Processor	NXP® i.MX 8QuadXPlus, 4 x ARM Cortex-A35
Memory	2 GB LPDDR4 RAM, 8 GB eMMC
Data interfaces	USB1: Host (Micro USB) USB2: Device (USB-A) USB3: Device (USB-A) 2 x Ethernet: 100 Mbit/s 3 x status LEDs
Protocols	OPC UA server + client MQTT broker server + client Modbus TCP/IP broker client + server
Operating system	IIoT operating system SIINEOS (64 bit) for central device management tasks
Housing	Plastic (polyamide) black, flammability class UL 94 V0
Protection class	IP20
Dimensions	139 mm $\times$ 100 mm $\times$ 25 mm
Weight	158 g

<b>Ambient conditions</b>	
Temperature range	Storage: $-40^{\circ}\text{C}$ to $85^{\circ}\text{C}$ Operation: $0^{\circ}\text{C}$ to $50^{\circ}\text{C}$
Humidity	Storage: 10% to 95% RH, non-condensing Operation: 20% to 90% RH, non-condensing
Operating altitude	Max. 2,000 m above sea level

<b>Storage</b>	
Recording interval	Minimum 1 second
Storage	Up to 8 GB usable
Data export	VictoriaMetrics

## USB interface specifications

USB connections	
Max. power consumption for <b>USB1</b> (Micro-USB on the front of the device)	5 W (1 A) May vary depending on the device connected: <ul style="list-style-type: none"> <li>On a 24 V power supply, the power consumption is 0</li> <li>On a 5 V power supply provided exclusively by USB, the digital and analogue outputs cannot be used.</li> </ul>
Max. power output for <b>USB2</b> and <b>USB3</b>	2.5 W (500 mA) each with 24 V supply
Support for	Full, high and low speed (480, 12 and 1.5 Mbit/s)
Circuit diagram*	

\*The hash (#) in the circuit diagram indicates the overload protection.

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**in.hub GmbH**  
**Technologie-Campus 1**  
**DE-09126 Chemnitz**

**+49 371 335 655 00**  
**[info@inhub.de](mailto:info@inhub.de)**