

SMX-IoT10

Cloud & Edge Computing



Product Type Description	SMX-IoT10
Interfaces	
Number of Ethernet Ports	2x Ethernet Rj45
Ethernet Connection Speed	10/100/1000 Mbps
Number of USB Ports	4 x USB 2.0 2 x USB 3.0
USB Connection	Type A
RS-232 Serial Port	x 6
Video Output	1 x VGA + 1 X HDMI
Audio Output	x 1
Energy	
Number of electrical connections	1
Voltage type / Supply Voltage	DC
Input Voltage Range	
• Minimum	12V
• Maximum	24V
Current	5A
Technical Specifications	
CPU	Intel® Celeron® J1900 4 Core, 2GHz
RAM	Celeron® 4GB
mSATA	64GB mSATA
Embedded Wireless Bluetooth	802.11 b/g/n Bluetooth BT4.1
Operating System	Linux
Cooling	Celeron® Fanless

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Environmental Conditions

Ambient Temperature

- Operating -10 °C ... +60 °C
- Storage -20 °C ... +60 °C

Relative humidity

At 25 °C / non-condensing / maximum

- Operating 40 % 65 %
- Storage 35 % 80 %

Usage Area

Interior

Monitoring and Management

Web-Based Management

Yes

- HTTP

Cli

No

Network

Network Protocols

- HTTP • Yes
- HTTPS • Yes
- TCP • Yes
- ICMP • Yes
- DNS • Yes
- DHCP • Yes
- SCTP • Yes
- IPv4 • Yes
- IPv6 • Yes

Security Protocols

- SSH • Yes
- DTLS • Yes

Time Protocols

- NTP • Yes

Firewall

Yes

Proxy

No

Cloud Integrator

- MQTT • Yes
- AWS • Yes
- Azure • Yes
- Google • Yes
- Siemens MindSphere • Yes

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Standards, Features, Approvals

Certificate of Conformity / CE Mark	Yes
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Design, Dimensions and Weight

Design	Compact
Width	58.3 mm
Height	188.6 mm
Depth	200 mm
Net Weight	1.9 kg
Mounting Type	<ul style="list-style-type: none">• DIN rail assembly• Wall assembly
	<ul style="list-style-type: none">• Optional• Yes

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