Embedded Systems SIA
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LM5CLp2
LogicMachine5 Lite Power CANx

LogicMachine is a secure and versatile IoT edge controller designed for building automation in residential and commercial environments.



Physical interfaces	
CAN FT	1
RJ45	1
RS-485	1
RS-485 / RS-232	1 (switchable in software)
USB 2.0	1

Power	
Power supply	24 V DC via terminals or passive PoE
Power consumption	1 W (minimum, no external load)

Connections	
CAN FT bus	Bus connection terminal, 0.8 mm^2
Power supply and I/O ports	Screw terminals, 0.8 mm^2 .. 1.5 mm^2

Indicators	
LED 1	Green – System load
LED 2	Green – Normal operation / Red – Reset

Enclosure	
Mounting support	DIN rail
DIN module width	3
Dimensions WxHxD	54 x 112 x 61 mm
IP degree of protection	IP20
Net weight	109 g

Standards compliance	
EMC	EN61000-6-1; EN61000-6-3

Environment	
Operational temperature	0 °C .. +45 °C
Storage temperature	-15 °C .. +55 °C
Relative humidity	0% ... 93% (without condensation)

Warranty	2 years

Key highlights

Seamless integration
Interconnects CANx, KNX/IP, Modbus, BACnet, MQTT and other automation protocols.

Cloud-ready
Supports connectivity to Microsoft Azure, AWS and other IoT platforms.

Low-power & scalable
Optimized for low energy use. Ideal for residential, commercial & industrial deployments.

Third-party services & voice control
Compatible with Amazon Echo, Apple HomeKit, Google Home and other third-party services.

Customizable automation
Lua scripting support for advanced automation, logic and data handling.

Web interface
Modern visualization on PCs & touch devices with real-time control & monitoring.

App store & extensibility
Install prebuilt applications or create your own for specific use cases.

Security & access control
Features KNX/IP secure routing, and user-level permissions.

Remote CAN FT bus access
Complete system control and CAN FT device programming from anywhere using VPN or ZeroTier service.

Privacy-oriented
Fully operational without internet access, no telemetry and user data collection.

Safety information, installation and general cybersecurity guidelines

logicmachine.net

COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV ISO 9001:2015

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