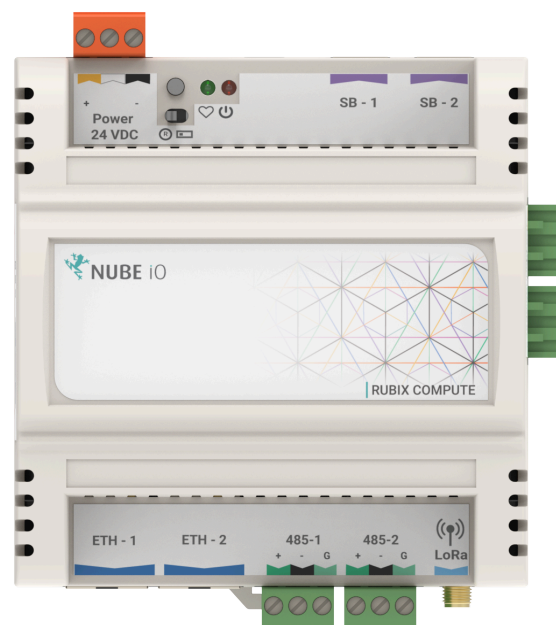# Nube iO

Rubix Compute 06

The Rubix Compute is Nube-iO's fully programmable IoT gateway controller. It is perfect for developing building management systems (BMS) solutions and aggregating all types of building data.

Data collected from wired and wireless peripherals can be easily exported to local/cloud databases, ported to other protocols, or used as inputs to onboard programmable logic.

The Rubix Compute is easy to integrate with BACnet, Modbus, LoRa® and LoRaWAN®. It supports services like MQTT, Rest APIs, Database Services and more.

Rubix IO modules can be wirelessly connected, using wired RS485, or plugged directly into the side of the Rubix Compute. Onboard logic programming allows for complex control of physical outputs based on all types of input data and other cloud resources.

Technical Data

General	
Dimensions	112mm x 107mm x 56mm or 4.41in x 4.21in x 2.2in (H x W x D)
Operating Temperature	0°C to 70°C
Enclosure	ABS Plastic, DIN Rail Mount, IP40 Rated.
Model Numbers	RC-06-N1
Power	
Power Supply	24V DC ±10%
Consumption	**Base**: 9.6W (400mA at 24 VDC), **Max**: 15W (625mA at 24 VDC)
Recommended Transformer Size	625mA / 15VA (Transformer should be sized based on Base Current plus the power requirements of all connected output devices)
Physical Ports	
Ethernet	2x RJ45 Ethernet Ports for LAN Connection.
RJ12	2x RJ12 for power and breakout for USB, UART for add-on modules.

RS485	2x RS485 ports available for Modbus RTU. **Speeds:** 9.6K, 19.2k, 38.4K, 57.6K, 115.2K bit/s **Data Bits:** 8 bits **Parity:** None, Even, Odd

Wireless Communications		
LoRa®	**Supported Frequencies:**	AU915
	Spreading Factor:	7
	Bandwidth:	250 kHz

About Nube iO

At Nube iO, we make buildings smarter. From enterprise and industrial portfolios to light commercial and smart homes, our scalable, data-driven technology bridges BMS and IoT to connect devices, systems, and spaces - giving users simpler control, clearer visibility, and more sustainable operations.

Built to scale from single sites to entire portfolios, our ecosystem — including traditional controls, wireless sensors, protocol-ready gateways and licence-free programming software — delivers seamless integration and real-time optimisation. Backed by global expertise and a focus on innovation, we make building automation smarter, simpler, and future-ready.

Smarter Buildings. Forward Thinking.

Unlock smarter, more sustainable building operations — book a demo at **nube-io.com**