

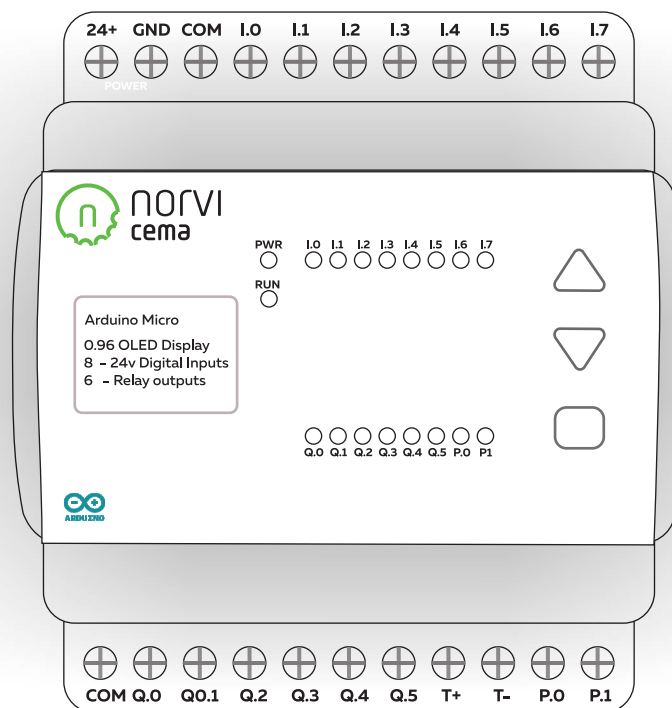
INDUSTRIAL CONTROLLERS

NORVI IIOT

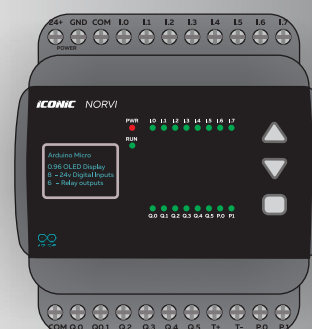
For Industrial IOT Applications



ESPRESSIF
inside



Ready for the future
NORVI IIOT



Product line...

Connectivity

NORVI-IIOT-AE01-R

ESP32



NORVI-IIOT-AE01-T

ESP32



NORVI-IIOT-AE02-V

ESP32



NORVI-IIOT-AE02-I

ESP32



NORVI-ILOT-AE03

ESP32



IO Configuration

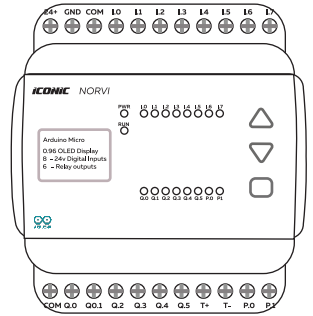
0.96 OLED Display

8 Digital Inputs

6 Relay outputs

2 Transistor outputs

RS 485 Communication



0.96 OLED Display

8 Digital Inputs

8 Transistor outputs

RS 485 Communication

0.96 OLED Display

8 Digital Inputs

6 analog inputs 0 to 10V

RS 485 Communication

0.96 OLED Display

8 Digital Inputs

6 analog inputs 4 - 20mA

RS 485 Communication

8 Digital Inputs

RS 485 Communication

Features

Micro processor

ESP8266 or **ESP32-WROOM32**

Power supply characteristics

24V DC or 230V AC

Connection of the embedded IO

Connection is performed through fixed screw terminal blocks (at intervals of 5.08 mm/0.200 in.)

Digital Inputs

24V DC Sink Source configurable by changing the common line

Storage

4 MB Flash Memory

Embedded display



128 x 64 OLED Display*

Programming



Programmable with Arduino IDE

Miscellaneous features

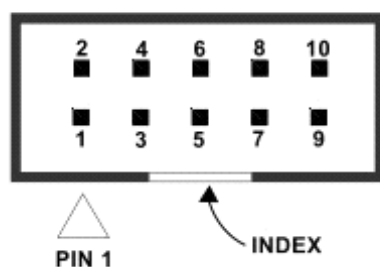
Front panel 3 button keypad*

LED Input/Output/ Communication Indicators

* Only available in ESP32 Varients

GPIO Expansion port

PIN	ESP32 Connection
1	TXD0
2	IO33
3	RXD0
4	Not Connected
5	IO32
6	BOOT IO0
7	SCL IO17
8	Not Connected
9	SDA IO16
10	Ground



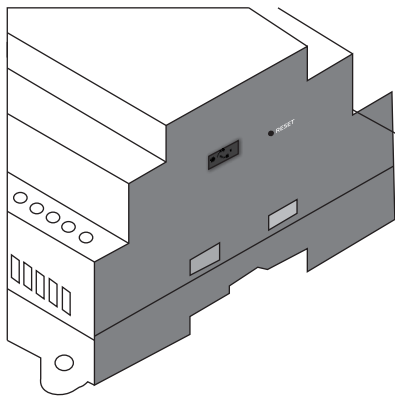
Variants

NORVI IIOT



ESP32-WROOM32

<i>NORVI-IIOT-AE01-T</i>	<i>NORVI-IIOT-AE01-T</i>	<i>NORVI-IIOT-AE02-V</i>	<i>NORVI-IIOT-AE02-R</i>	<i>NORVI-IIOT-AE03</i>
OLED Display 0.96'	OLED Display 0.96'	OLED Display 0.96'	OLED Display 0.96'	8 x Sink/Source Digital Inputs
8 x Sink/Source Digital Inputs	8 x Sink/Source Digital Inputs	8 x Sink/Source Digital Inputs	8 x Sink/Source Digital Inputs	RS-485 Communication
6 x 5A Relay outputs	6 x NPN Transistor outputs	6 x Analog inputs 0-10v	6 x Analog inputs 4-20mA	
2 x NPN Transistor outputs	RS-485 Communication	RS-485 Communication	RS-485 Communication	
RS-485 Communication				



High EMI Environments
Industrial Temperatures

For further inquiries and tech support
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