



194.95 EUR

incl. 19% VAT, plus [shipping](#)

- W5500 Ethernet !
- 8x Digital Input !
- 4x Relay Output !
- OLED Display !

**Support:**  [Datenbalt](#)

Industrial ESP32, Ready for Industrial Environments : Arduino and ESP-IDF USB Programmable Industrial ESP32 with OLED Display and din-rail mount. NORVI ENET Series comes with built-in Ethernet. Expanding its connectivity.

NORVI ENET range is the idea choice for ESP32 Ethernet implementations, where industrial level I/O and voltages are present. ESP32 Ethernet provides both Wireless and wired connections to the network. It is designed for protection and reliability. Complying with 2014/30/EU- Electromagnetic Compatibility (EMC) Annex III, Part B, Module C (Conformity to Type Based on Internal Production Control).

- 8x Digital Inputs
- 4x 5A Relay outputs
- 4 Analog inputs
- Built in OLED Display
- micro SD card support
- DS3231 RTC with baery backup
- W5500 Ethernet

Main	
Range of product	NORVI IIO1
Product type	Programmable Controller
Rated supply voltage	24V DC
Discrete input number	8 discrete input
Discrete output type	Relay
Discrete output number	4 5A Relay outputs
Discrete output voltage	24V DC for transisitor output
Discrete output current	0.5A with 10.0... 10.1 Transistor
Communicaon	WIFI / Bluetooth
OLED Display protocol	I2C

TFT Display protocol	SPI
Analog input range	4 - 20mA (AE06-I) / 0 - 10V (AE06-V)
Analog input resolution	16 bit
<b>Complementary</b>	
Discrete IO number	6
Number of Expansions	----
Supply voltage limits	20.4 ..... 28.8V
Inrush current	<= 50A
Power consumption in W	32.6 ..... 40.4 with all outputs ON
Discrete logic Input	Sink or source
Discrete input Voltage	24V DC
Voltage TypeVoltage state 1	> = 15V for Input
Voltage TypeVoltage state 0	< = 5V for input
Discrete Input Current	5mA for Input
Input impedance	4.7k Ohm for Input
Local signalling	1 LED green for PWR 1 LED green for RUN 8 LED green for IO.....I7 6 LED green for T0....T5
Electrical connection	Removable screw terminal block for inputs and outputs (pitch 5.08 mm)
Mounting support	Top hat type TH35-15 rail conforming to IEC 60715 Top hat type TH35-7.5 rail conforming to IEC 60715 Plate or panel with fixing kit
Height	90.50 mm
Depth	56.60 mm
Width	60.60 mm
Weight	0.43 kg
<b>Environment</b>	
Resistance to electrostatic discharge	4kV on contact 8kV on air
Resistance to electro magnetic fields	10 V/m (80 MHz ..... 1GHz) 3 V/m (1.4 MHz ..... 2 GHz) 1 V/m (2 MHz ..... 3 GHz)
Immunity to microbreaks	10 ms
Relative humidity	10....95% without condensation in operation
IP degree of protection	IP20
Operating altitude	0...2000m
Storage altitude	0...3000m
Shock resistance	15 gn for 11 ms