



194.95 EUR

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

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

Support:  [Datenbaltt](#)

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 |
| Complementary | |
| 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 |
| Environment | |
| Resistance to electrostatic discharge | 4kV on contact 8kV on air |
| Resistance to electromagnetic 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 |