

154.95 EUR

incl. 19% VAT, plus shipping



- **GSM !**
- **6x Transistor Outputs !**
- **8x Digital Inputs !**
- **OLED-Display !**

Industrial Controller with GSM + WiFi Industrial ESP32, Ready for Industrial Environments : Arduino and ESP-IDF USB Programmable Controller with multiple connectivity channels. Ideal for a IoT gateway or data transmission applications. The device is based on ESP32-WROOM32 SoC with GSM Connectivity. It has I/O Compatible with industrial voltage levels, and with added protection. Models are available with different variations on Inputs and Output options. Moreover NORVI GSM Industrial ESP32 is expandable with Expansion modules.

- ESP32-WROOM32 Module
- GSM / LTE Connection
- Built-in 0.96 OLED Display
- Built-in Button on front panel
- 8x Digital Inputs
- 6x Transistor Outputs
- 1x RS485
- DIN-Rail mount

Tabelle

Main

Range of product

Product type

NORVI GSM

Programmable Controller

| | |
|---------------------------------------|---|
| Certifications | EN 61131-2:2007 EN 61010-1:2010+A1:2019 EN IEC 61010-2-201:2018 2014/30/EU- Electromagnetic Compatibility (EMC) Annex III, Part B, Module C |
| Rated supply voltage | 24V DC |
| Communication | WiFi / Bluetooth LTE / EDGE - Quectel EC21 RS485 |
| OLED Display protocol | I2C |
| Transistor Output Rating | 500mA 300mW |
| Complementary | |
| 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 |
| Discrete input voltage type | DC |
| Voltage state 1 guaranteed | >=15 V for input |
| Voltage state 0 guaranteed | <=5 V for input |
| Discrete input current | 5 mA for input |
| Input impedance | 4.7k Ohm for input |
| Memory | microSD Card Support |
| Battery type | ----- |
| Backup time | ----- |
| Local signalling | 1 LED green for PWR |
| 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 |
| Product weight | 0.43 Kg |
| Environment | |
| 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 Temperature | -10 ... +85° C (14...185 °F) |
| Storage Temperature | -25 ... +85° C (-13...185 ° F) |
| Operating altitude | 0...2000m |
| Storage altitude | 0...3000m |
| Shock resistance | 15 gn for 11 ms |