

159.95 EUR

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

- LoRa
- Cortex®-M3 32-bit CPU
- 512KB Flash
- 80KB SRAM



Support:  [Datasheet](#) | [Sample Program](#)

Agent One Industrial Controllers are offered for low power applications as well, devices controlled by STM32L series micro-controller are used for Ultra Low Power applications where you need to run the devices from batteries for years. Agent One BT range is specially designed with transistor outputs to power down external sensors when the device goes to sleep.

Agent One Industrial IoT Node Industrial IoT Node featured with multiple processor and communication options. It can be used in various applications from Industrial IoT to a simple data logger. It can be ordered with ESP32-WROVER-B or with Ultra low power STM32L151xE. Industrial ESP32 Node supports LoRa, NB-IoT and WiFi communication, making it the most versatile controller on the market. Agent 1 industrial node is a programmable controller, it has built in USB communication for programming as well as diagnosis. Moreover it has user programmable RGB led and 4 individual indicators for digital inputs. We have embedded lots of useful features to make things easy for you.

- 3 Digital Inputs
- 1 RS-485 Communication
- 3 Analog inputs 0 - 10V

Main	
Range of product	NORVI Agent 1
Product type	Programmable node
Rated supply voltage	Standard 6 - 36V DC / Low Power : 3.3 - 6V D
Field of Application	Monitoring and controlling
Discrete Input number	3
Discrete Input Voltage	18 - 24 V DC

Analog input number	3
Analog input range	0 - 10V DC / 0 - 20 mA (depending on model)
Communication	RS-485 (applicable or BE-Series only)
Analog input range	0 - 10V DC / 0 - 20 mA (depending on model)
Analog input controller	16 bit with PGA ADS-1115
Discrete output type	Transistor (applicable or BE-Series only)
Discrete output number	2 Transistor outputs
Discrete output voltage	24V DC for transistor output
Complementary	
	1 LED green for PWR
Local signalling	4 LED red for Digital Inputs
	1 WS2812 pixel RGB Led
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
Height	86.00 mm
Depth	59.00 mm
Width	35.00 mm
Product weight	0.91 Kg
Environment	
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
Operating temperature	-40 to +85 °C