



324.95 EUR

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

- Arduino Mega !
- 14x Digital Input !
- 10x Relay Output !
- microSD Card Support !

**Support:** [Datasheet](#) | [Brochure](#) | [Quick Start](#)

NORVI Arita is a higher capacity version of NORVI Series. Selection five standard models available with a choice two powerful micro-processors. Arita is designed to yield the every bit of performance in the micro-controller without compromising its reliability. It is compatible with almost every industrial input and output type. Connectivity is the factor which makes it suite today's world, for a connected world, we have included all the industrially accepted communication methods in it. Arita is used everywhere, it has many characters, it can be a motion controller handling heavy positioning tasks or a data logging server.

- 14x Sink/Source Digital Inputs
- 10x 2A Relay Output
- 2x Open collector Transistor
- 1x RS-485
- Build-in 0.96" OLED Display
- 2x 0-10V Analog Input
- 2x 4-20mA Analog Input
- 1x microSD Card Slot
- 1x W5500 Ethernet Connectivity

| Main                 |                   |
|----------------------|-------------------|
| Range of product     | NORVI ARITA       |
| Product type         | Programmable node |
| Rated supply voltage | 24V DC            |

|                                       |                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Discrete input number                 | 14 discrete input ,<br>interrupts configurable on each input                                                                                      |
| Discrete output type                  | Relay and Transistor                                                                                                                              |
| Discrete output number                | 10 Relay outputs,<br>2 Transistor outputs                                                                                                         |
| Analog input number                   | 3                                                                                                                                                 |
| Discrete output voltage               | 24V DC for transistor output                                                                                                                      |
| Discrete output current               | 0.5A with I0.0... I0.1 Transistor 2 A with R0....R4 and Q0....Q4 Relay outputs                                                                    |
| <b>Complementary</b>                  |                                                                                                                                                   |
| Discrete IO number                    | 26                                                                                                                                                |
| Number of Expansions                  | 4                                                                                                                                                 |
| 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                                                                                                                                |
| Battery Type (Model 8 Only)           | Lithium non rechargeable<br>- 2 years Backup at 25°C                                                                                              |
| Local signalling                      | 1 LED green for PWR<br>1 LED green for RUN<br>14 LED green for I0.....I14<br>10 LED green for Q0.....Q4 and R0.....R4<br>2 LED green for T0....T1 |
| 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                                | 86.60 mm                                                                                                                                          |
| Depth                                 | 56.60 mm                                                                                                                                          |
| Width                                 | 122.10 mm                                                                                                                                         |
| Weight                                | 0.43 kg                                                                                                                                           |
| <b>Environment</b>                    |                                                                                                                                                   |
| 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                                                                                                                                   |
| Resistance to electrostatic discharge | 4kV on contact, 8kV on air                                                                                                                        |
| Resistance to electro magnetic fields | 10 V/m (80 MHz ..... 1 GHz)                                                                                                                       |
|                                       | 3 V/m (1.4 MHz ..... 2 GHz)                                                                                                                       |
|                                       | 1 V/m (2 MHz ..... 3 GHz)                                                                                                                         |
| Immunity to microbreaks               | 10 ms                                                                                                                                             |