



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

- Intel N355 8 Core !
- 16GB RAM / 128GB eMMC !
- 2x LAN !
- 1x COM !

- Intel® Twin Lake Core 3-N355 (8C8T) Processor
- 1 x LPDDR5-4800 (16GB)
- 1 x eMMC (128GB)
- 2 x Realtek RTL8111H-CG 1 GbE
- 1 x M.2 B Key, 1x Nano SIM, 1 x M.2 E Key slot
- 3 x USB 3.2 Gen2 and 1 x USB Type C
- 1 x HMDI, 1 x COM port
- 1 x TPM 2.0
- 8V~26V wide voltage power input

| | | |
|-------------------|------------------------|--|
| SYSTEM | PROCESSOR | Intel® Twin Lake Core 3-N355 (8C8T) Processor |
| | CHIPSET | Intel® SoC Integrated |
| | SYSTEM MEMORY | Industrial grade LPDDR5 4800MHz onboard type (16GB), 8533MB/s |
| | GRAPHICS | Intel® UHD Graphics |
| | STORAGE | 1 x Industrial grade eMMC (128GB), 400MB/s |
| | DISPLAY INTERFACE | USB type C (DP 1.2) / HDMI 1.4 2 x Realtek RTL8111H-CG 1GbE, Option: 1x supports 802.3af and 802.3at PoE |
| | ETHERNET | LAN(PD-Max: 25.5W, PSE-Max: 35W) |
| | I/O CHIPSET | Nuvoton NCT5225D |
| | TPM | Nuvoton NPCT760AABYX TPM2.0 |
| | FRONT I/O | 3 x USB 3.2 Gen2 / 1 x USB 3.2 type C (Support display(5V/3A) and audio) / 2x RJ45 (1x POE option for PD mode or PSE mode) / 1 x HDMI 1.4 (Vertical) |
| POWER REQUIREMENT | LEFT SIDE I/O | 1 x Power button / 1 x Terminal block 2pin with locked / 1x 5Px2 NP9 header as RS232/422/485 |
| | REAR SIDE I/O | 1x SIM slot hole for Nano SIM card / 2 x DIN rail hole |
| | EXPANSION SLOT | M.2 2242 / 3042 B key (USB2.0, SATAIII, PCIe1) with nano SIM slot /M.2 2230 E key (PCIex1, USB2.0) |
| | WATCHDOG TIMER | 1~255 steps by software program |
| | POWER INPUT | DC-in 8~26V (Default ATX mode, AT/ATX adjusting by BIOS) |
| | POWER ADAPTER | Optional DC12V / 5A / AC / DC / 60W adapter (For AC SKU) |
| | ANTENNA | 4 x SMA Antenna (Optional for WiFi / LTE function) |
| | THERMAL DESIGN | Fanless |
| | MOUNTING | Din Rail Mount, VESA Mount (75 x 75mm) for option |
| | DIMENSIONS (W X D X H) | 118.5 x 80.4 x 39.5mm |
| MECHANICAL | MATERIAL | Enclosure: Die Casting |

| | | |
|---------------|-----------------------|--|
| ENVIRONMENTAL | OPERATING TEMPERATURE | -25 ~ 55°C with 0.7m/s Air Flow (w/ Wide Temp. SSD/RAM) |
| | STORAGE TEMPERATURE | -40 ~ 85°C (-40 ~185°F) |
| | OPERATING HUMIDITY | 10% ~ 95% R/H (Non-condensing) |
| | VIBRATION RESISTANCE | Operating: 5Hz~500Hz / 2Grms / 3Axis (w/ SSD, according to IEC60068-2-64) |
| | SHOCK RESISTANCE | Operating: 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27) |
| | CERTIFICATION | CE / FCC Class B |
| OS | OS SUPPORT | Windows® 11 64-bit / Windows® 10 64-bit / Ubuntu 24.04 / Linux (support by request) |
| PACKING LIST | PACKAGE | 1 x Quick Installation Guide / 1 x Embedded System / 1 x Screws kit / 1 x 2 pin Terminal Block Male Connector / 1 x DIN-Rail Mount Bracket / 1x VESA Mount Bracket (BOM option) / 1 x COM port cable |