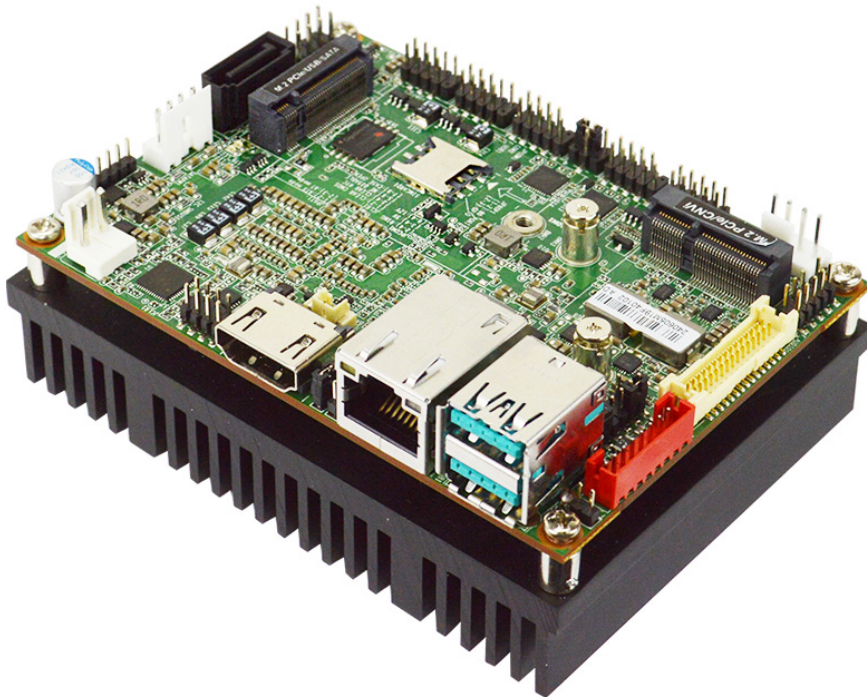
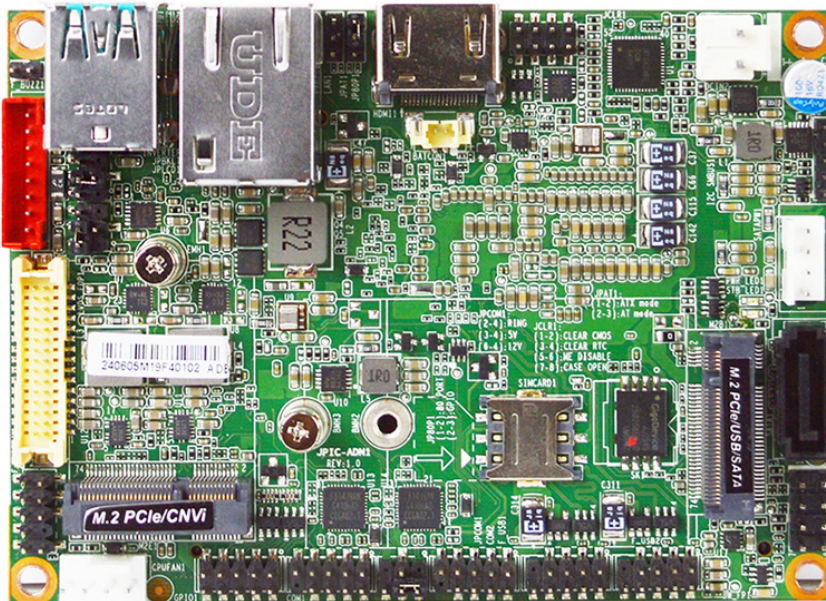




339.00 EUR  
incl. 19% VAT, plus [shipping](#)

- pico-ITX !
- Onboard Intel N97 !
- -20 to 60°C !
- DC-in 12V !



- Powered by Intel® N-series SoC Processors (formerly Alder Lake)
- High-Performance Memory: Supports DDR5 SO-DIMM
- Dual Display Support: 1 x HDMI for 4K display and 1 x LVDS Co-lay with eDP
- Storage & Expansion: 1 x SATA3, 1 x M.2 E-Key, 1 x B+M Key paired with 1 x Nano SIM Slot
- Comprehensive I/O: 2 x USB 3.2 Gen2, 4 x USB 2.0, 2 x RS-232/422/485
- Enhanced Security: Supports Intel fTPM
- Wide Operating Temperature: from -20 ~ 60°C for different Industriall application

SYSTEM  
MB FORM FACTOR  
  
CPU  
  
CHIPSET

Pico-ITX  
Onboard Intel® Processor N97 (Formerly Alder Lake-N, TDP 12W)  
Onboard Intel® Processor N200 (Formerly Alder Lake-N, TDP 6W)  
Intel® SoC

|                             |                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------|
| MEMORY                      | 1 x DDR5 4800MHz, Single Channel SO-DIMM, up to 32GB                                               |
| BIOS                        | UEFI                                                                                               |
| WAKE ON LAN                 | Yes                                                                                                |
| WATCHDOG TIMER              | 255 Levels                                                                                         |
| SECURITY                    | Intel® PTT (Integrated fTPM)                                                                       |
| RTC BATTERY                 | Lithium Battery                                                                                    |
| DIMENSION (W X D)           | 100.0 (W) x 72.0 (D) mm (3.9" x 2.8")                                                              |
| OS SUPPORT                  | Windows® 11 (64bit)<br>Windows® 10 (64bit)<br>Linux                                                |
| POWER                       |                                                                                                    |
| POWER REQUIREMENT           | DC-in 12V                                                                                          |
| POWER ON MODE               | AT / ATX (Default) Mode                                                                            |
| CONNECTOR                   | Internal 2-pin Header                                                                              |
| DISPLAY                     |                                                                                                    |
| GPU                         | Intel® UHD Graphics                                                                                |
| LVDS                        | 1 x 24-bit Dual Channel LVDS (Max. Resolution: 1920 x 1080<br>@60Hz / Co-Lay eDP)                  |
| HDMI                        | 1 x HDMI 2.0b (Max Resolution: 4096 x 2160@60Hz)                                                   |
| AUDIO                       |                                                                                                    |
| MULTIPLE DISPLAY            | Support 2 Displays                                                                                 |
| CODEC                       | Realtek Audio Codec                                                                                |
| Line-out                    | Internal Header for Line-Out                                                                       |
| MIC-in                      | Internal Header for MIC-In                                                                         |
| LAN                         |                                                                                                    |
| ETHERNET                    | 1 x RJ45 for Realtek® RTL8111H GbE                                                                 |
| SERIAL PORT                 |                                                                                                    |
| USB                         | 2 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)<br>Internal Header for 4 x USB 2.0            |
| INTERNAL I/O                |                                                                                                    |
| COM                         | Internal Header for 2 x RS-232/422/485                                                             |
| GPIO                        | 8-Bit                                                                                              |
| SMBUS                       | Yes                                                                                                |
| FAN                         | 1 x 4-pin Connector for CPU Fan (PWM Mode)<br>HDD Active LED<br>Power LED<br>Power On/Off<br>Reset |
| FRONT PANEL                 |                                                                                                    |
| STORAGE                     |                                                                                                    |
| ADDITIONAL                  | 1 x Chassis Intrusion<br>1 x AT/ATX Mode Selection                                                 |
| SATA                        | 1 x SATA3<br>1 x SATA Power Connector                                                              |
| EXPANSION                   |                                                                                                    |
| M.2                         | 1 x B+M-Key 2242/3042/3052 (USB 3.2/SATA3/PCIe 3.0 x2)<br>1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1)     |
| OTHERs                      |                                                                                                    |
| SIM                         | 1 x Nano SIM Card Slot                                                                             |
| ENVIRONMENT & CERTIFICATION |                                                                                                    |
| SHOCK                       | 15G, 11ms duration                                                                                 |
| VIBRATION                   | 1 Grms/ 5~ 500Hz/ Operation                                                                        |
| OPERATING TEMPERATURE       | -20°C ~ 60°C (-4°F ~ 140°F)                                                                        |
| STORAGE TEMPERATURE         | -20°C ~ 85°C (-4°F ~ 185°F)                                                                        |
| OPERATING HUMIDITY          | 10 ~ 90% @ 40°C, Non-condensing                                                                    |

CERTIFICATION

CE/FCC Class A

LVD

ESG DECLARATION

EU RoHS

China RoHS