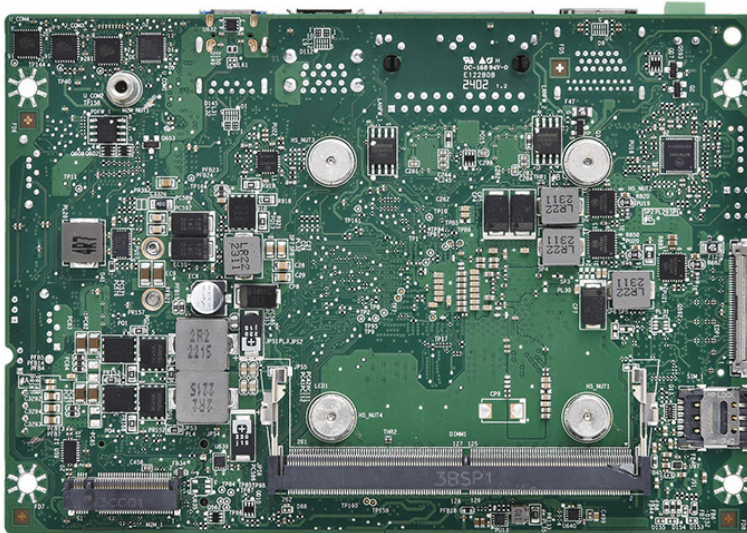
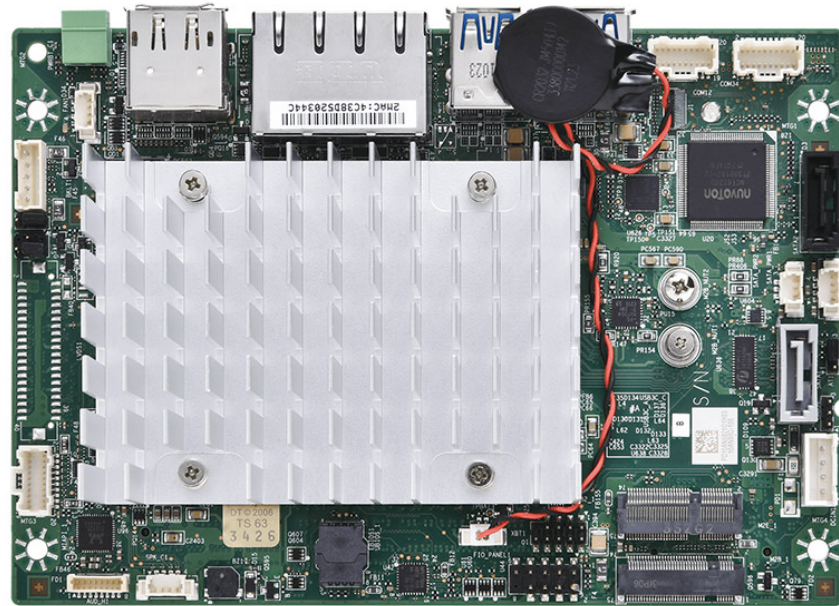


279.00 EUR

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

- Intel Alder Lake !
- Dual INTEL LAN !
- Multi expansion Slot !
- 3,5" SBC !



- Intel® Alder Lake-N N97 (4C) / i3-N305 (8C8T) Processor
- 1 x DDR5 SO-DIMM and support up to 16GB
- Support Triple display for LVDS (optional eDP), HDMI, and DisplayPort
- 2 x Intel® i226 2.5Gigabit Ethernet
- 1 x M.2 B Key, 1 x M.2 M Key, 1 x M.2 E Key slot
- 2 x USB 2.0, 3 x USB 3.2 Gen2 and 1 x USB Type C
- 8V~26V wide voltage power input

MECHANICAL

FORM FACTOR

3.5" SBC: 4" x 5.8" (102 mm x 147 mm)

|                     |                       |                                                                                                                                                                          |
|---------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYSTEM              | PROCESSOR             | Intel® Alder Lake-N N97 (4C) / i3-N305 (8C8T) Processor                                                                                                                  |
|                     | CHIPSET               | Intel® SoC Integrated                                                                                                                                                    |
|                     | SYSTEM MEMORY         | DDR5 4800 MHz / 1 x 262-pin SO-DIMM / Max. 16GB (Non-ECC)                                                                                                                |
|                     | GRAPHICS              | Intel® UHD Graphics                                                                                                                                                      |
|                     | ETHERNET              | 2 x Intel® I226-V 2.5G LAN                                                                                                                                               |
|                     | AUDIO                 | Realtek® ALC256                                                                                                                                                          |
|                     | I/O CHIPSET           | Nuvoton NCT6126D                                                                                                                                                         |
|                     | TPM                   | Nuvoton NPCT760AABYX TPM2.0                                                                                                                                              |
|                     | EXPANSION SLOT        | Storage/LTE/5G Slot: 1 x M.2 2242/3042/3052 B Key (USB2.0/PCIeX1/SATAIII) / Storage: 1 x M.2 2280 M Key (PCIeX1/SATAIII) / Wireless: 1 x M.2 2230 E key (PCIeX1, USB2.0) |
|                     | BIOS                  | AMI BIOS                                                                                                                                                                 |
|                     | H/W MONITOR           | Temperature Monitor / Voltage Monitor / Fan Monitor                                                                                                                      |
|                     | WATCHDOG TIMER        | 1~255 steps by software program                                                                                                                                          |
|                     | SMART FAN CONTROL     | CPU Fan                                                                                                                                                                  |
| GRAPHICS            | HDMI                  | Up to 4K (3840 x 2160) @30 Hz                                                                                                                                            |
|                     | DISPLAYPORT           | Up to 4K (4096 x 2160) @60 Hz                                                                                                                                            |
|                     | LVDS                  | Up to 1920 x 1200 @60 Hz                                                                                                                                                 |
|                     | eDP (Option)          | Up to 5120 x 3200 @60 Hz                                                                                                                                                 |
|                     | USB                   | 3 x USB 3.2 Gen 2 / 1 x USB Type C (Support PD15W, 5V/3A, DP Alt mode, USB3.2 Gen1)                                                                                      |
| REAR I/O            | DISPLAY I/O           | 1 x HDMI 1.4 / 1 x DisplayPort 1.4b                                                                                                                                      |
|                     | AUDIO I/O             | -                                                                                                                                                                        |
|                     | LAN I/O               | 2 x RJ-45                                                                                                                                                                |
|                     | SERIAL PORT           | -                                                                                                                                                                        |
|                     | PS/2 PORT             | -                                                                                                                                                                        |
|                     | OTHERS                | 1 x 2PIN Remote Power on/off Terminal Block                                                                                                                              |
|                     | STORAGE               | 2 x SATAIII / 2 x SATA power header *1 SATA port Multiplexed with M.2 B key SATA                                                                                         |
|                     | USB                   | 2 x USB 2.0                                                                                                                                                              |
|                     | DISPLAY I/O           | 1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector                                                                                                         |
|                     | AUDIO I/O             | 1 x speaker header Header with amplifier / 1 x Audio Header (Front Panel Mic-in & Line-out)                                                                              |
| INTERNAL CONNECTORS | SERIAL PORT           | 3 x RS232 / 1 x RS232 / 422 / 485                                                                                                                                        |
|                     | MiAPI                 | Programmable header (support 10 x GPIO, 1 x SMBUS, 1 x UART, 1 x Watchdog) with API library supported for Windows OS                                                     |
|                     | FAN                   | 1 x 4-pin System Fan Header                                                                                                                                              |
|                     | POWER                 | 1 x AT / ATX Mode Select Jumper / 1 x 8~24V ATX Power Connector / 1 x CMOS Jumper / 1 x Chassis Front Panel Header (2 x 5-pin)                                           |
|                     | OTHERS                | / 1 x panel power select header / 1 x backlight power select header / 1 x Buzzer                                                                                         |
|                     | POWER INPUT           | 8~26V Wide Range DC Input w/ 4-pin Power Header (Pitch: 2.5mm)                                                                                                           |
|                     | OPERATING TEMPERATURE | -25~60°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)                                                                                                                                           |
|                     | CERTIFICATION         | CE / FCC Class B                                                                                                                                                         |

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|              |            |                                                                                     |
|--------------|------------|-------------------------------------------------------------------------------------|
| OS           | OS SUPPORT | Linux (support by request) / Ubuntu 20.04 / Windows® 10 64-bit / Windows® 11 64bit, |
| PACKING LIST | PACKAGE    | 1 x 50 cm SATA Cable / 1 x 45 cm SATA Power Cable / 1 x Motherboard                 |