

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)  |
|            | 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   |
| SYSTEM     | 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)<br>/ 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<br>/ 1 x 8~24V ATX Power Connector<br>1 x CMOS Jumper<br>/ 1 x Chassis Front Panel Header (2 x 5-pin) |
|                     | OTHERS                | / 1 x panel power select header<br>/ 1 x backlight power select header<br>/ 1 x Buzzer  |
| POWER REQUIREMENT   | POWER INPUT           | 8~26V Wide Range DC Input w/ 4-pin Power Header (Pitch: 2.5mm)  |
| ENVIRONMENTAL       | 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  |
| 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   |