

429.00 EUR

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



- Intel Alder Lake !
- Intel® N97 !
- 2x Gigabit LAN !
- Hailo-8 !

- Intel® Alder Lake-N N97 (4C) / i3-N305 (8C8T) Processor
- 1 x DDR5 SO-DIMM and support up to 16GB
- Support Dual display for 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
- Support Hailo-8™ AI Accelerator
- Support up to 26 TOPs
- Support Hailo-8™ Software Development Kit
- 60W AC to DC Adaptor included

## SYSTEM

|                   |                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU               | 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                                                                                                                                                      |
| DISPLAY INTERFACE | DisplayPort 1.4 / HDMI 1.4                                                                                                                                               |
| STORAGE SLOT      | 1 x 2.5 HDD / SSD (Default w/ HDD Bracket) / 1 x M.2 2280 NVMe/SATA SSD / 1 x M.2 2242 SATA SSD                                                                          |
| 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) |
| INTERNAL SPEAKER  | 1 x Buzzer                                                                                                                                                               |
| INDICATOR         | Power Button / Power LED / HDD LED                                                                                                                                       |
| FRONT I/O         | 3 x RS232 (i3-N305 SKU) ■ 1 x RS232 (N97 SKU) / 2 x USB 2.0 / 1 x RS232 / 422 / 485 / 1 x Line-out                                                                       |

## POWER REQUIREMENT

|               |                                                                                                                                                                                                                                                            |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REAR I/O      | 1 x 2-pin Header Remote Power on / off<br>/ 1 x DP1.4 / 3 x USB 3.2 Gen2 Type A / 1 x USB Type C (Support PD15W, 5V/3A, DP Alt mode, USB3.2 Gen1) / 1 x 2-pin Terminal Block Power Input / 2 x SMA Antenna hole with rubber cap / 1 x HDMI 1.4 / 2 x RJ-45 |
| POWER INPUT   | 8~26V Wide Range DC Input w/ Terminal Block Connectivity                                                                                                                                                                                                   |
| POWER ADAPTER | Optional DC12V / 5A / AC / DC / 60W adapter (For AC SKU)                                                                                                                                                                                                   |

|               |                                   |                                                                                                                                              |
|---------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| MECHANICAL    | THERMAL DESIGN                    | Fanless                                                                                                                                      |
|               | MOUNTING                          | Wallmount / 75 mm x 75 mm                                                                                                                    |
|               |                                   | VESA Holes & Din Rail Mount + Transfer Plate Combo Kit (Optional)                                                                            |
|               | DIMENSIONS (W X D X H) / Material | 6.7" x 5.2" x 2.2" (171 x 133 x 57 mm) / Bezel and chassis: Steel / Top cover: Die casting                                                   |
|               | WEIGHT                            | 2.1kg (4.6 lb)                                                                                                                               |
| ENVIRONMENTAL | OPERATING TEMPERATURE             | -25°C to 60°C / with 0.7m/s Air Flow and Wide Temperature Memory/Storage                                                                     |
|               | STORAGE TEMPERATURE               | -40 ~ 85°C (-40 ~185°F)                                                                                                                      |
|               | OPERATING HUMIDITY                | 10% ~ 90% R/H (Non-condensing)                                                                                                               |
|               | STORAGE HUMIDITY                  | 10% ~ 95% @85°C non-condensing                                                                                                               |
|               | VIBRATION RESISTANCE              | Operating: 5Hz~500Hz / 5Grms / 3Axis (w/ SSD, according to IEC60068-2-64)                                                                    |
| OS            | SHOCK RESISTANCE                  | Operating: 50 Grms, Half-sine 11 ms Duration (w/ SSD, according to IEC60068-2-27)                                                            |
|               | CERTIFICATION                     | CE / FCC Class A                                                                                                                             |
|               | OS SUPPORT                        | Linux (support by request) / Windows® 10 64-bit / Windows® 11 64bit                                                                          |
| PACKING LIST  | PACKAGE                           | 1 x Quick Installation Guide / 1 x Embedded System / 1 x Wall Mount Brackets                                                                 |
|               |                                   | / 2 x 2 pin Terminal Block Power Connector / 1 x SATA and SATA power cable / 1 x 10-pin Terminal Block Male Connector (for i3-N305 SKU only) |
|               |                                   | 60W AC to DC Adaptor                                                                                                                         |