



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

- 4x Gigabit LAN !
- 2x SFP+ 10Gbps !
- Metal enclosure !
- 5G Modem support !



**Support:** [Specifications](#)

- Intel® Pentium Processor N150
- 1x SO-DIMM DDR4 Slot (32GB Max.)
- 4x GbE LAN ports (Intel I211)
- 2x SFP, 10Gbps Intel 82599ES
- 1x HDMI 2.1 Port / 1 x dP 1.4
- 1x NVMe SSD slot
- 1x M.2 for 4G/5G module (SIM card slot available)

Tested with a.o. Quectel RM530N-GL 5G modem card.

| Parameter        | Specification                                                                                                      |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| CPU              | Intel® Processor N150 0.8–3.6 GHz                                                                                  |
| Cores / Threads  | 4 Cores / 4 Threads                                                                                                |
| Cache            | 6 MB Intel® Smart Cache                                                                                            |
| TDP              | 6 W                                                                                                                |
| Architecture     | Products formerly Twin Lake                                                                                        |
| Memory           | SO-DIMM DDR4 slot × 1, max 16 GB                                                                                   |
| Storage          | SSD (M.2 2280 SATA / NVMe), no HDD expansion                                                                       |
| Audio            | HD Audio Realtek ALC897                                                                                            |
| Graphics         | Intel® UHD Graphics                                                                                                |
| Network          | 10/100/1000/2500BASE-T Ethernet (RJ45) × 4 (Intel I226V);<br>82599ES SFP+ × 2                                      |
| Extendable Slots | M.2 E KEY 2230 × 1 (Wi-Fi / Bluetooth / Wi-Fi 6 module);<br>M.2 B KEY 3042/3052 × 1 (4G / 5G module with SIM slot) |
| OS Support       | Windows 10, Windows 11, Ubuntu 24.04, CentOS 9                                                                     |

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BIOS Functions      | AC Power Recovery, UEFI PXE Boot, Wake-on-LAN, Scheduled Power On/Off                                                                                                                                              |
| Virtualization      | Intel VT-x, VT-d supported; No Hyper-Threading                                                                                                                                                                     |
| Working Environment | -10 ~ 60 °C; 0 – 95 % RH (no condensation)                                                                                                                                                                         |
| Working Voltage     | DC 12 V / 5 A                                                                                                                                                                                                      |
| Static Electricity  | Contact discharge 2 kV, Air discharge 6 kV                                                                                                                                                                         |
| Storage Environment | -10 ~ 60 °C; 0 – 95 % RH (no condensation)                                                                                                                                                                         |
| I/O Ports           | USB 3.0 × 1, USB 2.0 × 5, HDMI 2.1 × 1, DP 1.4 × 1, LAN × 4, SFP+ × 2, USB Type-C × 1, DC-IN 12 V × 1, ATX Self-Power-On × 1, 3.5 mm Audio Combo × 1, RJ45 RS-232 × 1, BIOS Reset Button × 1                       |
| Built-in Socket     | FP_USB1 × 1, FP 8 PIN × 1, TPM 14 PIN × 1, CPU_FAN1 × 1, SPK_CON 4 PIN × 1, GPIO 10 PIN × 1, ESPI_DEBUG 10 PIN × 1, M2B_PWR1 3 PIN × 1, JBAT 2 PIN × 1, BATCON × 1, SYS_FAN1 4 PIN × 1, PW_IN 2 PIN Power Terminal |
| Display Mode        | Dual Display (HDMI 2.1 + DP 1.4), Copy or Extended Mode; Max Resolution (HDMI 2.1): 4096 × 2304 @ 60 Hz; Max Resolution (DP 1.4): 4096 × 2304 @ 60 Hz                                                              |
| Dimensions / Weight | 197.4 × 126.3 × 47.5 mm; 1.2 kg (net), 1.8 kg (gross)                                                                                                                                                              |
| Material / Features | Aluminum alloy case, patented compact design, supports 7 × 24 operation                                                                                                                                            |
| Cooling             | Passive (natural heat dissipation)                                                                                                                                                                                 |
| Bracket Options     | Dedicated Bracket; Supports VESA, optional Ear Mount / DIN Bracket                                                                                                                                                 |
| Packing Box         | Kraft Paper Box and Anti-Shock Corrugated Carton                                                                                                                                                                   |
| Packing List        | 1x Barebone, 1x Power Cable (EU), 1x AC/DC Power Adapter, 1x Screws Bag<br>1x QA Card, 1x User Manual, 1x VESA Bracket                                                                                             |