


899.00 EUR
incl. 19% VAT, plus shipping

- Intel N150 !
- 4 x 2.5GbE !
- 2 x GbE SFP !
- 2 x LAN Bypass !

- Powered by Intel® Processor N150 SoC (formerly Twin Lake)
- High-Speed Networking: 4 x 2.5GbE RJ45 ports and 2 x GbE SFP ports
- Supports two pairs of bypass functions for LAN1/LAN2 and LAN3/LAN4
- Clear status indication with 6 x SPEED LEDs, 6 x LINK LEDs, 2 x BYPASS status LEDs, and 1 x programmable LED
- Hardware-assisted encryption and VPN support for data protection
- Flexible expansion with M.2 slots for Wi-Fi/BT, 4G/5G/LTE and NVMe, plus Nano SIM card slot

| | |
|---|---|
| SYSTEM | |
| MB FORM FACTOR | Others |
| CPU | Onboard Intel® Processor N150 (Formerly Twin Lake, TDP 6W) |
| CHIPSET | Intel® SoC |
| MEMORY | 1 x DDR5 4800MT/s, Single Channel SO-DIMM, up to 32GB |
| BIOS | AMI Flash ROM |
| WAKE ON LAN | Yes |
| WATCHDOG TIMER | 255 Levels |
| SECURITY | Intel® PTT (Integrated fTPM) Default & TPM (dTPM) |
| RTC BATTERY | Lithium Battery |
| OS SUPPORT | Windows® 11 (64bit)<br>Linux<br>pfSense<br>OpenWrt |
| POWER | |
| POWER REQUIREMENT | DC-in 12V<br>60W Adapter: AC100~240V, DC12V/5.0A |
| POWER ON MODE | AT / ATX (Default) Mode |
| DISPLAY | |
| GPU | Intel® UHD Graphics |
| HDMI® | 1 x HDMI® 2.0 (Max Resolution: 3840 x 2160@60Hz) |
| LAN | |
| ETHERNET | 4 x RJ45 for Intel® I226-V 2.5GbE<br>2 x GbE SFP |
| SYSTEM I/O | |

| | |
|---|---|
| REAR PANEL I/O | 1 x HDMI®<br>1 x USB 2.0<br>1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2)<br>4 x RJ45 for 2.5GbE LAN<br>2 x SFP for GbE LAN<br>1 x RJ45 for Console<br>1 x Grounding Screw<br>1 x Power Button<br>1 x Reset Button |
| FRONT PANEL I/O | 1 x HDD LED<br>4 x LAN SPEED LED<br>4 x LAN ACTIVE LED<br>2 x SFP SPEED LED<br>2 x SFP ACTIVE LED<br>1 x Programmable LED<br>2 x Bypass LED |
| STORAGE | |
| eMMC | eMMC 64GB (By Request) |
| EXPANSION | |
| M.2 | 1 x E-Key 2230 (USB 2.0/PCIe x1) for Wi-Fi/BT Module<br>1 x B-Key 3042/3052 (USB 3.2) for 4G/5G/LTE<br>1 x M-Key 2280 (SATA III/PCIe Gen 3 x1) support NVMe |
| SIM | 1 x Nano SIM Card Slot |
| OTHERS | |
| OTHER | 4 x Wi-Fi Antenna Holes<br>1 x Wi-Fi LED Header<br>1 x 4G/5G/LTE LED Header |
| MECHANICAL | |
| MOUNTING | Desktop, Wallmount |
| DIMENSIONS (W x H x D) | 200.0 (W) x 126.0 (D) x 40.0 (H) mm (6.0" x 5.67" x 1.57") |
| GROSS WEIGHT | 1.2 kg (2.6lb) |
| NET WEIGHT | 1.0 kg (2.2lb) |
| CONSTRUCTION | Aluminum Heatsink + Metal Chassis |
| ENVIRONMENT & CERTIFICATION | |
| SHOCK | 15G, 11ms duration |
| VIBRATION | 1 Grms/ 5~ 500Hz/ Operation |
| OPERATING TEMPERATURE | -10°C ~ 50°C (14°F ~ 122°F) with 0.5 m/s airflow |
| STORAGE TEMPERATURE | -20°C ~ 60°C (-4°F ~ 140°F) |
| OPERATING HUMIDITY | 10 ~ 90% Relative Humidity, Non-condensing |
| STORAGE HUMIDITY | 0 ~ 95% Relative Humidity, Non-condensing |
| CERTIFICATION | CE/FCC Class A<br>LVD |