

**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****CPU****Others**

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)

Linux

pfSense

OpenWrt

POWER**POWER REQUIREMENT**

DC-in 12V

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 2 x GbE SFP
SYSTEM I/O	
REAR PANEL I/O	1 x HDMI® 1 x USB 2.0 1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 4 x RJ45 for 2.5GbE LAN 2 x SFP for GbE LAN 1 x RJ45 for Console 1 x Grounding Screw
FRONT PANEL I/O	1 x Power Button 1 x Reset Button 1 x HDD LED 4 x LAN SPEED LED 4 x LAN ACTIVE LED 2 x SFP SPEED LED 2 x SFP ACTIVE LED 1 x Programmable LED 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 1 x B-Key 3042/3052 (USB 3.2) for 4G/5G/LTE 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 1 x Wi-Fi LED Header 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
	LVD