



0.00 EUR

incl. 19% VAT, plus shipping

- **Intel N150 !**
- **6 x COM + 8 x USB !**
- **2 x 2.5GbE !**
- **12-28V DC-in !**

- Powered by Intel® Processor N150 (formerly Twin Lake)
- High-Performance Memory: 1 x DDR5 4800MT/s SO-DIMM, up to 32GB
- Comprehensive I/O: 6 x COM, 8 x USB
- Dual 2.5GbE Ports for Reliable and High-Speed Networking Connections
- Flexible Storage and Expansion: 1 x SATA III, 1 x M.2 M-Key, 1 x M.2 B-Key, 1 x M.2 E-Key
- Triple Display Support: 2 x HDMI®, 1 x USB Type-C DP

SYSTEM

MB FORM FACTOR

CPU

Compact

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

UEFI

WAKE ON LAN

Yes

WATCHDOG TIMER

255 Levels

SECURITY

Intel® PTT (Integrated fTPM) Default & TPM 2.0 (dTPM)

RTC BATTERY

Lithium Battery

OS SUPPORT

Windows® 11 (64bit)

Windows® 10 (64bit)

Linux

POWER

POWER REQUIREMENT

DC-in 12~28V

60W Adapter: AC100~240V, DC12V/5.0A

POWER ON MODE

AT / ATX (Default) Mode

DISPLAY	
GPU	Intel® UHD Graphics
Type-C DP	1 x Type-C DP1.4a (Max Resolution: 4096 x 2304@60Hz)
HDMI®	1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz) 1 x HDMI® 1.4 (Max Resolution: 4096 x 2160@30Hz)
MULTIPLE DISPLAY	Support 3 Displays
AUDIO	
CODEC	Realtek Audio Codec
AMPLIFIER	3W
LAN	
ETHERNET	2 x RJ45 for Intel® I226-V 2.5GbE
SYSTEM I/O	
REAR PANEL I/O	4 x USB 2.0 1 x USB 3.2 Gen 2x1 Type-C (10Gbps) Support DP ALT Mode 1 x USB 3.2 Gen 2x1 (10Gbps, Formerly USB 3.1 Gen 2) 2 x HDMI® 1 x DC-in (Lockable) 2 x RJ45 4 x Antenna Holes 1 x Audio (Line out, MIC) 1 x GND Hold
FRONT PANEL I/O	1 x RS-232/422/485 5 x RS-232 2 x USB 2.0 1 x Power Button 1 x Reset Button 1 x Power LED 1 x HDD LED
STORAGE	
SATA	1 x 2.5" SATA III 6Gb/s internal drive bay
eMMC	Onboard 64GB eMMC 5.1 (optional)
EXPANSION	
M.2	1 x B-Key 3042/3052 (USB 3.2/USB 2.0) for 4G/5G Module 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1) 1 x M-Key 2280 (PCIe 3.0 x2) Support NVMe
SIM	1 x Nano SIM Card Slot
MECHANICAL	
MOUNTING	Desktop, Wallmount, Din Rail
DIMENSIONS (W x H x D)	160.2 (W) x 142.0 (D) x 59.5 (H) mm
NET WEIGHT	1.4 kg
CONSTRUCTION	Aluminum Heatsink + Metal Chassis

ENVIRONMENT & CERTIFICATION

SHOCK

15G, 11ms duration

VIBRATION

1 Grms/ 5~ 500Hz/ Operation

OPERATING TEMPERATURE

-40°C ~ 60°C (-40°F ~ 140°F)

STORAGE TEMPERATURE

-40°C ~ 85°C (-40°F ~ 185°F)

OPERATING HUMIDITY

10 ~ 90% Relative Humidity, Non-condensing

CERTIFICATION

CE/FCC Class A