



NEIMB-WL150

Ultra-compact Industrial Motherboard (105x113 mm)
Intel® Processor N150 (Twin Lake) / DC-IN 12~19V

Features

- Intel Processor N150 (Twin Lake / Alder Lake)
- 1 x DDR5 4800 MHz SO-DIMM, up to 16GB
- 1 x M.2 Key M 2280 (PCIe3.0 x4 / SATA NVMe/SATA) / 1 x SATA3
- Triple Display: HDMI® 2.0 / DP 1.4 / USB-C (DP Alt)
- 2 x USB3.2 Gen1 (front) + 1 x USB-C (front) + 2 x USB2.0 (rear)
- 2 x 2.5G LAN (Intel i226-V)
- 1 x COM (front panel) / DC-IN 12~19V

Specifications

Processor	Intel Processor N150 (Twin Lake / Alder Lake-N)
	Onboard (SoC)
Memory	1 x DDR5 4800 MHz SO-DIMM, up to 16GB
GRAPHICS	Intel® Integrated Graphics, triple display: HDMI® 2.0 4096x2160@60Hz / DP1.4 4096x2160@60Hz / USB-C 4096x2160@60Hz
Storage	1 x SATA3 connector
	1 x M.2 M Key 2280 support PCIe3.0 x4/SATA (NVMe/SATA)
Board edge I/O interface	1 x COM Port (front panel)
	1 x HDMI® 2.0 connector (rear) / 1 x DP 1.4 connector (rear) / 1 x USB-C DP Alt (front)
	2 x RJ45 connector, support 2.5G (2 x Intel i226-V)
	1 x Audio Jack, LINE-out/MIC-in (front panel)
	2 x USB3.2 Gen1 Type A (front) / 1 x USB-C (front, DP alt) / 2 x USB2.0 Type A (rear)
Extended interface/function	1 x M.2 E Key 2230 support PCIe3.0 x1 + USB2.0 (WiFi/BT)
Power supply	DC-IN 12~19V (1x2 pin ATX connector)
Working environment	Working temperature: 0°C ~ +60°C; Humidity: 5% ~ 90%
	Storage temperature: -40°C ~ +85°C; Storage humidity: 0% ~ 90% relative humidity, no condensation
Operating system	Windows 11 IoT Enterprise 24H2, Ubuntu 24.04
Size	105 x 113 x 1.6 (mm)
Weight	N/A

Dimension

105 x 113 x 1.6 (mm)