MINIX®
Next Generation Computing

NEO Z150-0dB

Intel® N150 Fanless Mini PC

- Intel Twin Lake Processor N150, up to 3.6GHz
- ZERO db Cooling System
- Dual Display Ready: 2 x HDMI® 2.1 TMDS (4K@60Hz)
- Memory: 8/16GB DDR4-3200, upgradeable to 32GB
- Storage: 256/512GB SSD (PCIe 3.0 x4), upgradeable to 4TB
- Intel® Dual Band Wi-Fi (2.4GHz/5GHz), BT
- RJ-45 2.5 Gigabit Fast Ethernet
- Housing Material: Aluminum, Galvanized Steel (SGCC)
- VESA Mount Included
- Wake On LAN, AC Power Loss, RTC Wake Up
- Windows 11 Pro (64-bit) Pre-installed



Fanless Design

64-bit CPU
Intel® N150 (64-bit)

2.5G
2.5G Ethernet

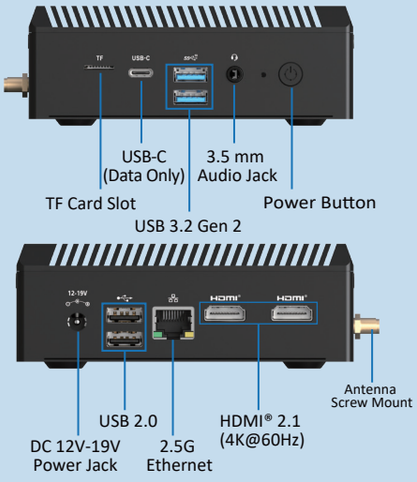
4K ULTRA HD
Dual 4K@60Hz Video Output

Dual Display Ready

6
802.11ax Dual Band Wi-Fi 6 (Optional)

Windows 11 Pro

Product Overview



I/O Interfaces

· **LAN Port**	1 x RJ45, 10M/100M/1000M/2.5 Gigabit Fast Ethernet
· **USB Ports**	1 x USB 3.2 Gen 2 Type-C (Data Only, up to 10Gbps), 2 x USB 3.2 Gen 2 Type-A (10Gbps), 2 x USB 2.0
· **Audio Jack**	3.5mm Audio Jack (Earphone+Micphone, 2-in-1)
· **Display Output**	2 x HDMI® 2.1 TMDS (4K@60Hz), 3840X2160@60Hz
· **Antenna**	2 x External Wi-Fi Antennas
· **Power Button**	1 x Power Button
· **Reset Button**	1 x Clear CMOS Button (Reset BIOS)
· **Power Jack**	1 x 12V-19V DC-IN Jack

Specifications

System Hardware

· **BIOS**	AMI EFI X64
· **Processor**	Intel® Twin Lake Processor N150, (Max Turbo Frequency 3.60 GHz)
· **Graphics Engine**	Intel® UHD Graphics
· **Memory**	8/16GB DDR4-3200MHZ(SO-DIMM), upgradeable to 32GB Max.
· **Storage**	256/512GB M.2 PCIe 3.0 x4 NVMe SSD, upgradeable to 4TB Max.
· **Ethernet**	1 x RTL8125BG-CG 2.5 Gigabit Ethernet
· **LED Indicators**	LEDs for Power, LAN (Active, Status)
· **WIFI/BT**	Intel® Wireless-AX101 / AX201 (Dual Band AX Wi-Fi)

General

· **Certification**	CE, FCC, RoHS
· **Dimensions (WxDxH)**	123x120x46mm (4.84"x4.72"x1.81")
· **Form Factor**	Mini PC
· **Encloser**	Metal Housing
· **Net Weight**	0.89 kg
· **Gross Weight**	1.65 kg
· **Power Requirement**	12V/3A DC-IN
· **Power Consumption**	12W (Typical), 25W (Max)

Environment

· **Operating Temperature**	0 ~ 50°C @ 5 ~ 85% RH
· **Storage Temperature**	-20 ~ 70°C
· **Relative Humidity**	10 ~ 95% RH @ 40 °C/104 °F, non-condensing