MINIX®
Next Generation Computing

NEO Z300-0dB



Intel® N300 Fanless Mini PC

- Intel® Core™ i3-N300 Processor, up to 3.8GHz
- ZERO db Cooling System
- Dual Display Ready: 2 x HDMI® 2.0 (4K@60Hz)
- Memory: 16GB DDR4-3200, upgradeable to 32GB
- Storage: 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

Intel® N300 (64-bit)

2.5G Ethernet

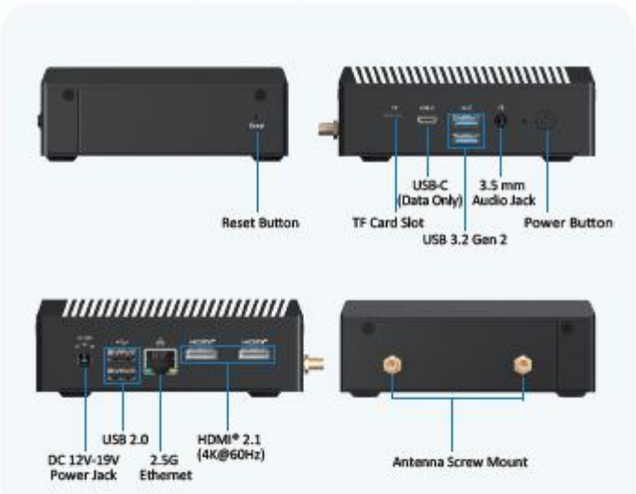
Dual 4K@60Hz Video Output

Dual Display Ready

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® 2.0, 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® Core™ i3-N300 Processor, up to 3.8GHz
· Graphics Engine	Intel® UHD Graphics
· Memory	1 x 260-pin DDR4 3200MHz SO-DIMM 4/8/16GB, upgradeable to 32GB Max.
· Storage	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