

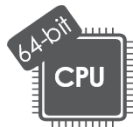
Z100-Aero

Intel® N100 Active Cooling Mini PC

- Intel® Alder Lake-N Quad-Core N100 Processor, up to 3.4GHz.
- Silent Cooling Design.
- Triple Display: HDMI® 2.1 (4K@60Hz) + DP (4K@60Hz) + USB-C (4K@60Hz).
- Memory: 4/8/16GB DDR4-3200, upgradeable to 32GB
- Storage: 128/256/512GB SSD (PCIe 3.0 x1), upgradeable to 4TB.
- Intel® Dual Band Wi-Fi (2.4GHz/5GHz), BT
- RJ-45 1G + 2.5G Dual Ethernet
- VESA Mount Included
- Wake On LAN, Restore AC Power Loss, RTC Wake Up
- Windows 11 Pro (64-bit) pre-installed



Active Cooling Design



Intel® N100 (64-bit)



1G + 2.5G Ethernet



Triple Display with 4K@60Hz



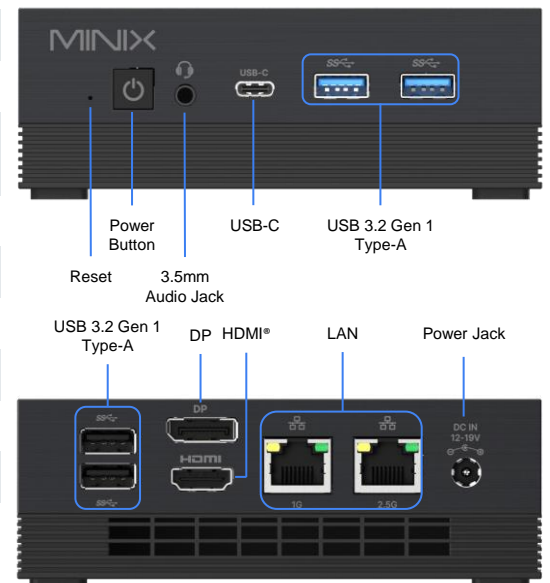
802.11ac Dual Band Wi-Fi 5



Windows 11 Pro

I/O Interfaces

· LAN Port	2 x RJ45, 1G + 2.5G Dual Ethernet
· USB-A Port	4 x USB 3.2 Gen 1 Type-A, support up to 5Gbps.
· USB-C Port	1 x USB 3.2 Gen 2 Type-C (data transfer, PD-enabled, video output up to 4K@60Hz, Audio)
· DP Port	DP (4K@60Hz)
· HDMI® Port	HDMI® 2.1 (4K@60Hz)
· 3.5mm Audio Jack	Mic-in and Headphone-out Combo Jack
· Power Button	1 x Power Button
· Reset Button	1 x Clear CMOS Button (Reset BIOS)
· Power Jack	1 x DC-IN Jack (19V=2A, 12V=3A, 12V=2A)



Hardware

· BIOS	AMI EFI X64
· Processor	Intel® Alder Lake-N Quad-Core N100 (Base Frequency 0.8GHz, Max Turbo Frequency 3.4GHz)
· Graphics Engine	Intel® UHD Graphics
· Memory	1 x 260-pin DDR4 3200MHz SO-DIMM 4/8/16GB, upgradeable to 32GB Max.
· Storage	128/256/512GB M.2 PCIe 3.0 x1 NVMe SSD, upgradeable to 4TB Max.
· Ethernet Chipset	Realtek® RTL8125BG-CG for 2.5G Ethernet, Realtek® RTL8111H for 1G Ethernet
· LED Indicators	LEDs for Power, LAN (Active, Status)
· Wi-Fi / BT	Intel® Wireless-AC 9560 Wi-Fi 5 (802.11ac), BT 5.1
· Audio	SN6140 (compatible with CX11880)

General

· Certification	CE, FCC, RCM, RoHS
· Dimensions (WxDxH)	127x127x43mm (5"x5"x1.69")
· Form Factor	Mini PC
· Encloser	PC + ABS Plastic
· Power Requirement	12V=3A DC-IN
· Power Consumption	10-12W (Typical), 25-27W (Turbo)

Environment

· Operating Temperature	0~15°C @ 5~80% RH
· Storage Temperature	-20 ~ 70°C
· Relative Humidity	10 ~ 95% RH @ 40°C/104°F, non-condensing