

MAX-N100

Intel® Alder Lake N based Ultra-compact Mini-PC
with dual HDMI and direct AC power, no adapter needed



Features

- CPU: Intel® Alder Lake N series Processor
- Memory: Single Channel SO-DIMM DDR4 up to 16GB
- Display: Integrated Intel UHD Graphics display via 2xHDMI
- I/O Ports: 2xLAN, 3xUSB3.2, 1xUSB2.0
- Ethernet: 10/100/1000Mbps
- Storage: 1x M.2 2280 NVMe(PCIe3.0 4X)/SATA, 1xM.2 2280 NVMe(PCIe3.0 1X)
- Power: AC_JACK(100-240V)



Introduction

Introducing the MAX-N series Plug-in-Ready ultra-compact mini PC powered by the Intel® Alder Lake N series processor, designed to deliver efficient performance in a small form factor. It is powered directly through an AC jack, eliminating the need for a bulky power adapter and adding to its convenience and ease of use. This new cost-effective mini pc equipped with a quad-core N100 CPU running up to 3.40GHz ensures smooth multitasking and responsive computing. It features 16GB of single-channel DDR4 memory, integrated Intel® UHD Graphics, and dual HDMI ports, which are ideal for dual-display setups.

The MAX-N Series offers versatile I/O options and advanced active cooling solutions and supports Windows and Linux operating systems. It can be the perfect choice for users seeking a powerful yet space-saving computing solution. It features two M.2 slots for SSDs, one additional M.2 slot for WiFi & Bluetooth modules for expansion, and dual Gigabit Ethernet ports for reliable network connectivity. It supports a wide operating temperature range, ensuring stability even in challenging environments with active cooling.



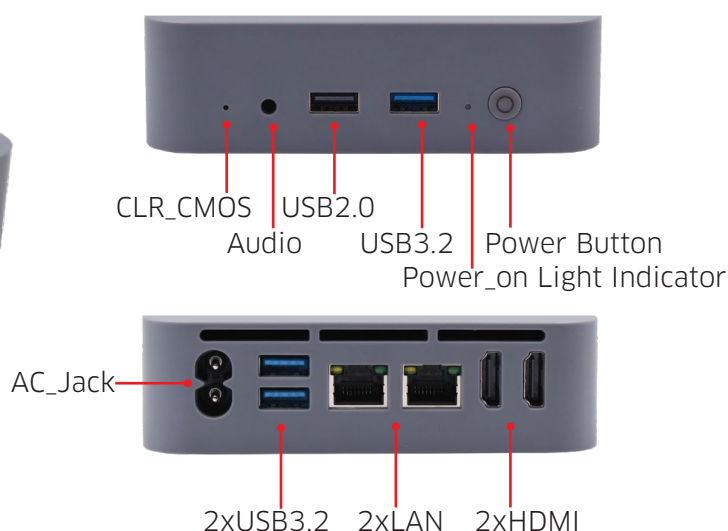
H/W Monitor



Watchdog



I/O Interfaces



Technical Specifications

Processor	CPU	N100
	Total Cores/Threads	4C/4T
	Max Turbo Frequency	3.40GHz
	Cache	6MB
	Processor base Power	6W
Memory	Type	Single Channel SO-DIMM DDR4-3200MHz
	Max Capacity	16GB
Display	GPU	Integrated Intel® UHD Graphics
	Display Interface	2xHDMI
Ethernet	Speed	10/100/1000Mbps
	Controller	RTL8111H
	Interface	2xRJ-45
	Wake on LAN	Yes
Audio	Audio Codec	Realtek HD
	Interface	1xCTIA 2-in1 Audio Jack, Supports Line-out+Mic-in
Hardware	CPU temperature, System temperature, Onboard voltage, Watchdog	
Storage	M.2	1xM.2_2280 Slot for NVMe(PCIe3.0 4X)/SATA SSD
	M.2	1xM.2_2280 Slot for NVMe(PCIe3.0 1X) SSD
Expansion	M.2	1xM.2 2230 Slot for WiFi and Bluetooth.
Other I/O	USB2.0	1
	USB3.2	3
Dimension	LED Light Indicator	1(Power_on Light Indicator. Status: White Light)
	Size	120mm x 120mm x 35.5mm (L x W x H)
Power	Standard Port	AC_Jack
	Voltage	Input:100-240V~, 50/60Hz,1.5A, Output: 12V/3.75A
Temperature	Operating Temp.	-10°C to 45°C
	Storage Temp.	-20°C to 60°C
Cooling	Active	
Operating System	Win10/11 64bit, Linux 64bit	

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