MINIX®
Next-Gen AI Computing

N304-AI

Compact Powerful AI Mini PC

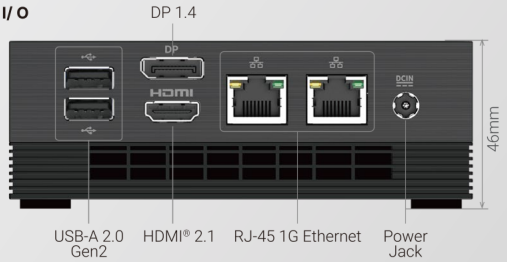
- ***Intel® Core™ 3 304 Processor with 5 Cores***
  Up to 4.3 GHz, 24 TOPS hybrid AI computing
- ***Onboard 16GB LPDDR5X-6400MHz***
  High-speed memory, smooth multitasking
- ***Dual M.2 2280 PCIe 4.0 Slots***
  Supporting Up to 4TB large-capacity storage expansion
- ***Intel® WiFi 6 + Bluetooth 5.3 + Dual Gigabit Ethernet***
  Stable wired & wireless connection
- ***Triple 4K Output Via HDMI® 2.1***
  Triple 4K Ultra-HD Display
- ***Rich High-Speed I/O***
  USB-C PD 100W Input, Multiple USB-A/C, audio, network ports
- ***Compact Mini Design***
  127 × 126.8 × 46 mm, space-saving for commercial & office use
- ***Windows 11 Pro Preinstalled***
  Multi-language business system ready to use
- ***Global Certifications***
  FCC, CE, UKCA, RoHS, WEEE, PSE for worldwide application

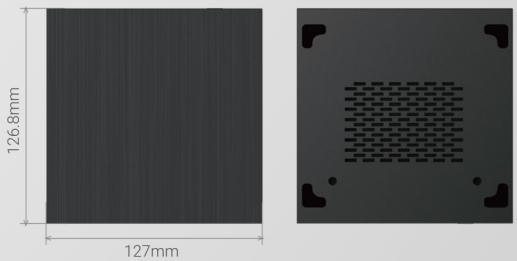
Intel® Core™ 3 304 processor | M.2 2280 PCIe 3.0 × 4 SSD | Intel® AI Boost | Triple 4K@60Hz Video Outputs | Intel® Graphics | LPDDR5X-6400MHz | 802.11Ax Dual Band WiFi 6 | Windows 11 Pro

Product Overview

Front I/ O

Rear I/ O





Specifications

CPU	Intel® Core™ 3 304 (5 Core, 6M Cache, up to 4.3 GHz)
GPU	Intel® 1Xe Graphics (Peak TOPS: 9)
NPU	Intel® AI Boost (Peak TOPS: 15)
Total Peak TOPS	24
Memory	16GB LPDDR5X-6400MHz (Onboard, no slot)
Storage	512GB M.2 2280 PCIe 3.0 × 4 NVMe SSD (Pre-installed)
Storage Expansion	2 × M.2 2280 PCIe 4.0 slots, up to 4TB total
Wireless	M.2 2230 802.11AX Dual Band WiFi 6, BT 5.3
Wired Network	2 × RJ-45 1G Ethernet
Video Output	1 × HDMI® 2.1 (4K@60Hz) 1 × DP 1.4 (4K@60Hz) 1 × USB-C 3.2 Gen2 (4K@60Hz)
USB Ports	1 × USB-C 3.2 Gen2 (PD In 100W, PD Out 15W) 4 × USB-A (2 × 3.2 Gen2, 2 × 2.0)
Audio	1 × 3.5 mm Audio Output Combo Jack
Button	1 × Power Button with White LED, support Reset
Operating System	Windows 11 Pro, Support Multi-Language
Power	Input AC 100~240V, Output DC 19V / 3.42A, 65W Max
Dimension	127 × 126.8 × 46 mm (Machine)
Package Dimension	175 × 230 × 72 mm
Machine Weigh	357.6g
Package Weight	1023.8g
Operating Temp	0\15°C @5\80%RH
Storage Temp	-20~70°C
Relative Humidity	10~95% RH @ 40°C, non-condensing
EMC	EMI Margin 3dB; ESD Contact ±4kV / Air ±8kV passed
Certifications	FCC, CE, UKCA, RoHS, WEEE, PSE