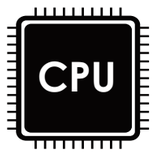
MINIX®
Next Generation Computing

N512 LS



Intel® Core™ i5-12600H Processor Mini PC
(18M Cache, up to 4.5 GHz)

- ***Intel® ADL***
- ***Bluetooth: Version 4.2 /5.1 /5.2***
- ***Dual Display Ready: HDMI 2.1 TMDS-CPU+1 × TBT4 + HDMI 2.1 TMDS (4K@60Hz)-CPU***
- ***Memory: 2 × DDR5 SO-DIMM***
- ***Storage: 1 × M.2 2280 PCIE3.0 × 4 SSD, 1 × M.2 2280 PCIE3.0 × 4 SSD/sata 3.0***
- ***M.2 2230 PCIe&CNVI, Support WiFi 802.11b/g/n/ac/ax, 2.4G/5G***
- ***RJ-45 1 × 2.5G LAN + 1 × GLAN***
- ***Housing Material: Metal + Plastic***
- ***Windows 11 PRO Support multi-language***



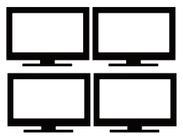
Intel® ADL/RPL



2.5G Ethernet



8K@60Hz
Video Output

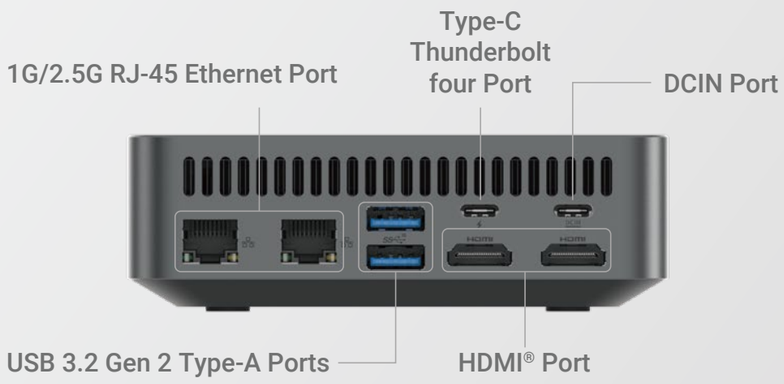

Quadruple Display

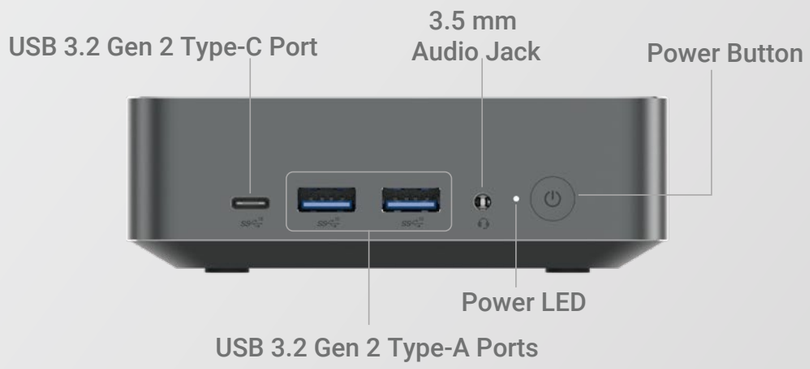


Support WiFi
802.11b/g/n/ac/ax


Windows 11 PRO

Product Overview









Specifications

System Hardware	
CPU	Intel® Core™ i5-12600H Processor (18M Cache, up to 4.5 GHz)
GPU	Intel® Iris® Xe Graphics eligible
Storage	Memory: 16GB DDR5-4800MHz
	Memory Slot: 2 × DDR5 SO-DIMM
	Storage: 512GB M.2 2280 PCIe 3.0 × 4 SSD
	Storage Slot: 1 × M.2 2280 PCIe 3.0 × 4 SSD Slot
	1 × M.2 2280 PCIe 3.0 × 4 SSD Slot
	(compatible with SATA 3.0 SSD)
PMU	MPS2845
MCU	ITE_IT5570 colay IT 5571
TPM	SPI
RTC	Support
Audio	Codec: ALC269
LED Indicators	LEDs for Power
WIFI	M.2 2230 PCIe&CNVI, 2.4G/5G, Support WiFi 802.11b/g/n/ac/ax
General	
Certification	CE, FCC, UKCA, RoHS
Dimensions (WxDxH)	119.9mm × 119.9mm × 37.9mm
Form Factor	Mini PC
Encloser	Metal + Plastic
Net Weight	~460g
Power Requirement	AC 100~240V INPUT
Power Consumption	100W PD for 28W/45W CPU
I/O Interfaces	
LAN Port	1 × 2.5G LAN + 1 × GLAN
USB Ports	4 × USB-A 3.2 Gen2
	1 × USB-C 3.2 Gen2
	(DP, PD, DATA, Charge) + 1 × TBT4
Audio Jack	1 × Ø3.5mm Combo
Display Output	2 × HDMI 2.1 TMDS (4K 60Hz)
	1 × TBT4 (8K 60Hz) + USB-C 3.2 Gen2 (4K 60Hz)
Power Button	1 × Power Button
Reset Button	1 × On Bottom
Power Jack	20.0V⎓ 5.0A 100W PD Power Adaptor