

# N104

## JWIPC N Series Mini PC Module

JWIPC N104 Mini PC, Support Intel 12<sup>th</sup> Gen (Alder Lake P) Core™ processors, Support 4 Display (included 2 outputs from Type-C), 2.5Gbps Lan, be widely used for Education, Digital signage, Conference Corporate.

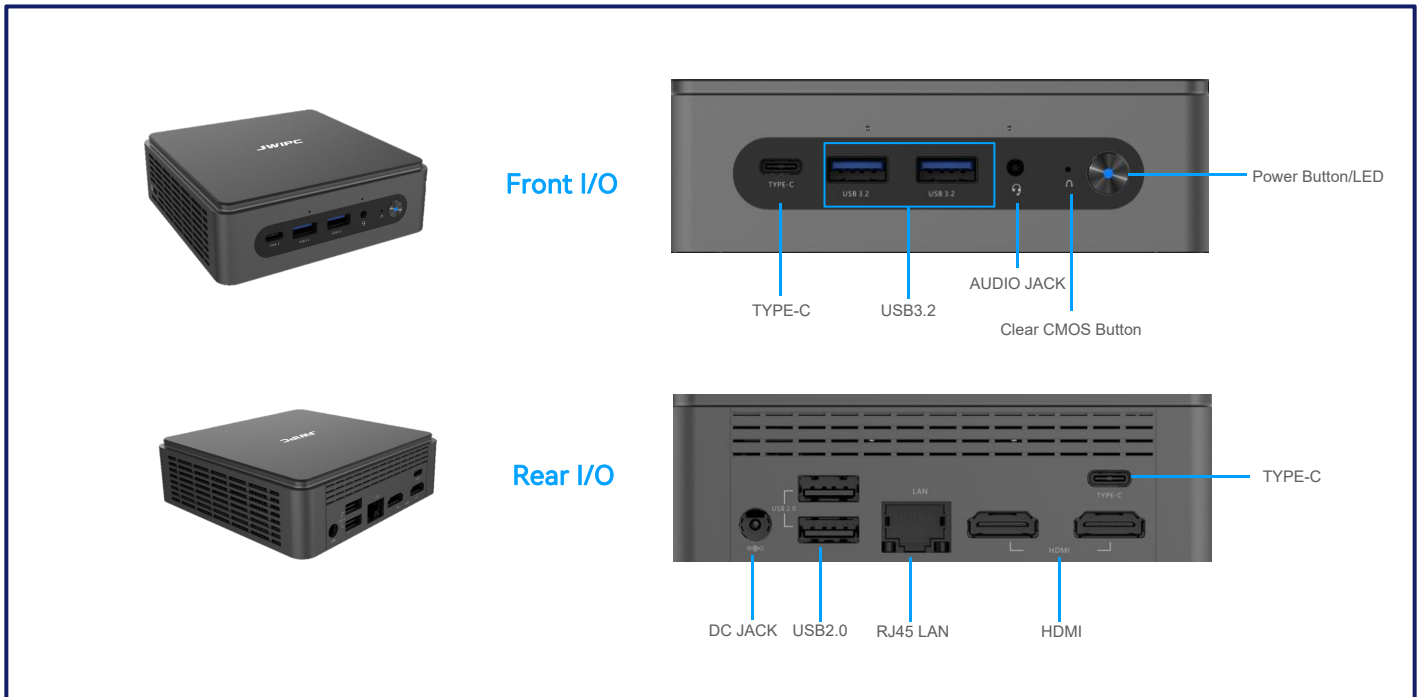


- Mini PC Standard Module
- Intel 12<sup>th</sup> Gen (Alder Lake P) Core™ processors
- 2 x SO-DIMM DDR4 Max 64GB
- 1 x M.2 2280 KEY-M for SATA/PCIE SSD
- 1 x M.2 2230 KEY-E for WIFI/BT
- 1 x Gigabit Lan (Option 2.5Gbps)
- 2 x USB3.2 (10Gbps), 2 x USB2.0
- 2 x HDMI, 2 xDP1.4 (From TYPE-C)
- Support TPM2.0 (Option)
- 12-19V DC-IN
- Support Window 10/Window 11/Linux

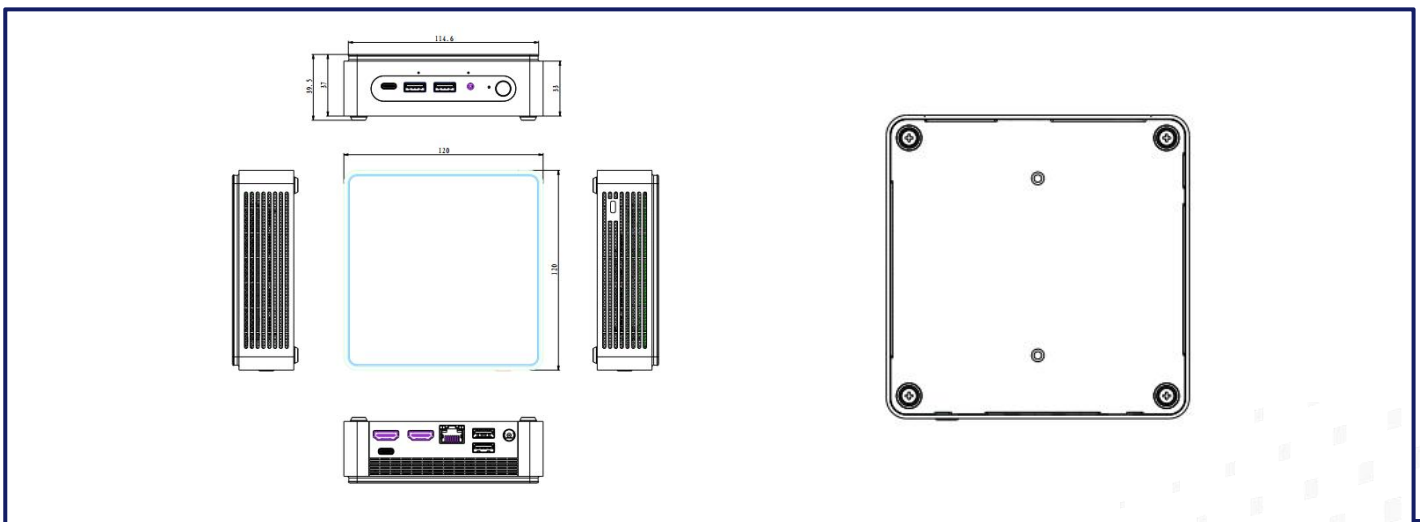
## 01 Specifications

Processor System	CPU	Intel® Adler Lake-P Core™ Processors CPU, Max TDP 28W
	Chipset	N/A
	BIOS	AMI UEFI BIOS
Graphics	Chipset	Intel® Iris Xe Graphics for I7/I5 CPU/Intel® UHD Graphics for i3/Celeron CPU
	Multi displays	Support 4 display
	Interface	2 x HDMI Type-A , Max resolution up to 4096 x 2160@60Hz 2 x DP (from Type-C), Max resolution up to 4096 x 2160@60Hz
Memory	Type	2 x SO-DIMM DDR4 3200 MHz
	Max	64GB (32GB per DIMM)
Ethernet	Lan IC	1 x Intel I219V or Realtek Rt18215B
	Interface	10/100/1000/25000Mbps
	Connector	1 x RJ45
Wireless	Type	M.2 2230 Standard Wi-Fi/BT module, Optional WiFi5/WiFi6 module,
	Interface	1 x M.2 KEY E 2230 With PCIe,USB2.0,CnVi
Storage	Type	SSD
	Interface	1 x M.2 2280 KEY-M With PCIe Gen4 x 4 for NVME SSD or SATA3.0 SSD
IO Interface	Front panel	1 x Type-C (Support PD65W Adapter and DP Output Display and USB Charge) 2 x USB3.2 GEN2(10Gbps) Type-A 1 x 3.5mm Combo Audio Jack, 1 x Power Button, 1 x Clear CMOS Button
	Rear panel	1 x DC Jack , 2 x USB 2.0 Type-A, 1 x RJ45, 2 x HDMI Type-A 1 x Type-C (Support PD65W Adapter and DP Output Display and USB Charge)
	Side Panel	1 x Kensington Lock
Software	OS Supports	WINDOW 10/WINDOWS 11/LINUX
	Watchdog	support
	vPro/AMT	No support
	TPM	support (Option TPM2.0 Onboard IC)
Power	Power input	12~19V DC IN, 2.5/5.5 DC Jack
Size	Size	120 x 120 x37mm
Environment	Operating Temp.	-5~45°C
	Operating Humidity	10%~90% non-condensing
	Storage Temp.	-20~70°C
	Operating Humidity	5%~95% non-condensing

## 02 Product view



## 03 Dimensions



## 04 Product Selection

Model	Description
N104-1240P	I5-1240P/2xHDMI/2xType-C/1x2.5Gbps LAN/2*USB2.0/1*Audio Jake/Ax201 or AW-CB515NF
N104-1235U	I5-1235U/2xHDMI/2xType-C/1x2.5Gbps LAN/2*USB2.0/1*Audio Jake/Ax201 or AW-CB515NF
N104-1215U	I5-1215U/2xHDMI/2xType-C/1x2.5Gbps LAN/2*USB2.0/1*Audio Jake/Ax201 or AW-CB515NF
N104-7305	Celeron 7305/2xHDMI/2xType-C/1x2.5Gbps LAN/2*USB2.0/1*Audio Jake/Ax201 or AW-CB515NF