

# Z105

## JWIPC Z Series Mini PC Module

JWIPC Z105 Mini PC, Support Intel Alder Lake N Platform processors, Support 3 Display (HDMI+VGA+DP), 1.0Gbps Lan, 2 x USB3.0, 4 x USB2.0, 1 x TYPE-C (USB3.0), be widely used for Education, Digital signage, Conference Corporate.

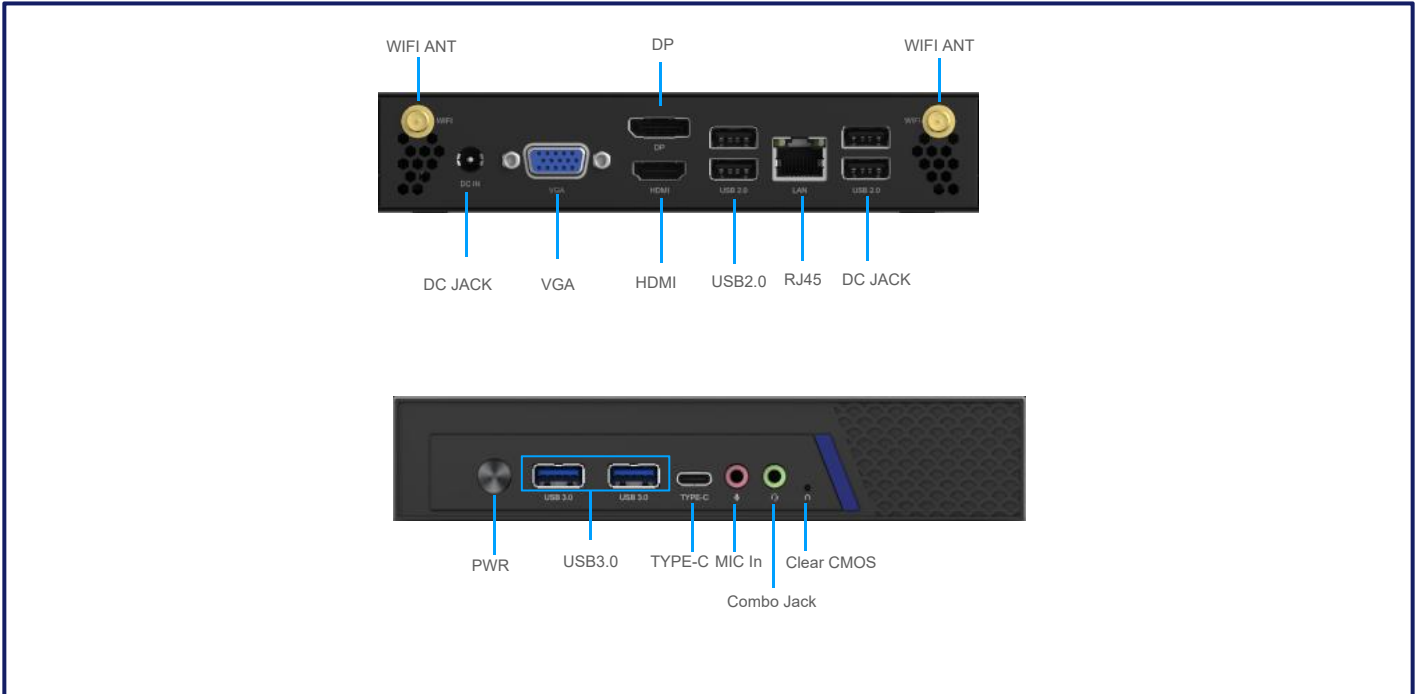


- Mini PC Standard Module
- Intel Alder Lake N Platform processors
- 1 x SO-DIMM DDR4 3200Mhz, Up to 16GB
- 1 x M.2 2280 KEY-M for SATA/PCIE SSD
- Onboard 32GB/64GB (Option) EMMC
- 1 x M.2 2230 KEY-E for WIFI/BT
- 1 x Gigabit Lan
- 2 x USB3.0, 4 x USB2.0, 1 x TYPE-C
- 1 x HDMI, 1 x VGA, 1 x DP
- 12V DC-IN
- Support Window 10/Window 11/Linux

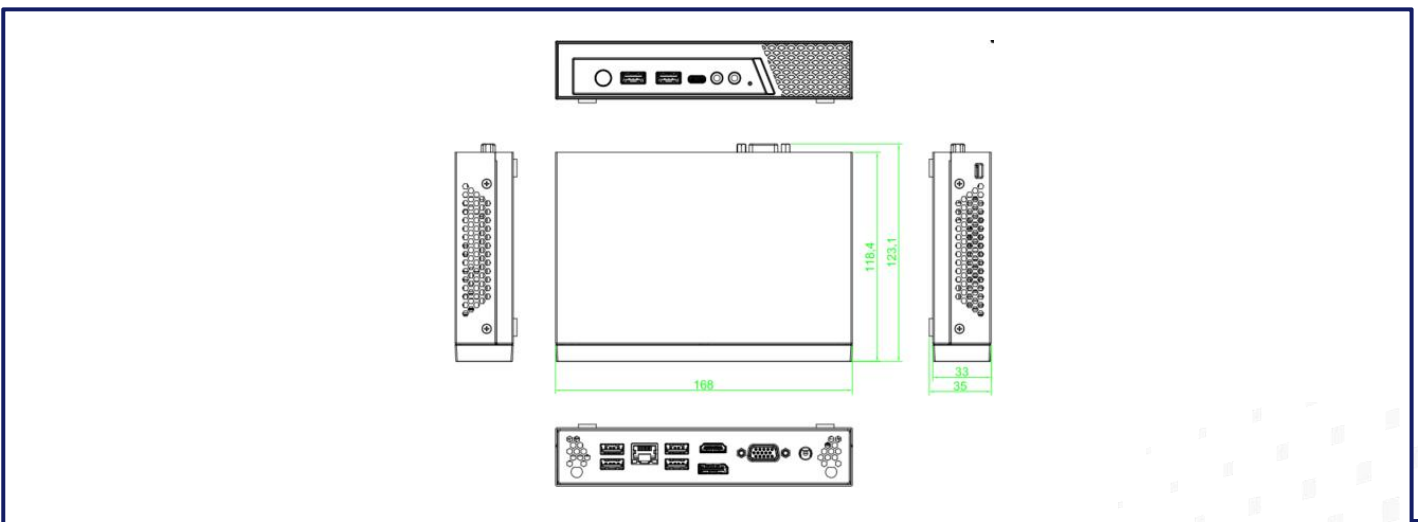
## 01 Specifications

Processor System	CPU	Intel Alder Lake N Platform processors CPU, Max TDP 15W
	Chipset	SOC
	BIOS	AMI UEFI BIOS
Graphics	Chipset	Intel® UHD Graphics
	Multi displays	Support 3 display
	Interface	1 x HDMI Type-A, Max resolution up to 4096 x 2160@60Hz 1 x DP1.4, Max resolution up to 4096 x 2160@60Hz 1 x VGA, Max resolution up to 2048 x 1536@60Hz
Memory	Type	1 x SO-DIMM DDR4 3200 MHz
	Max	16GB
Ethernet	Lan IC	1 x Gigabit Lan IC
	Interface	10/100/1000Mbps
	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/EMMC
	Interface	1 x M.2 2280 KEY-M for NVME SSD or SATA3.0 SSD Onboard EMMC, Support 32GB/64GB (Option)
IO Interface	Front panel	1 x Power Button, 1 x Power LED, 2 x USB3.0 Type-A, 1 x TYPE-C (USB3.0) 1 x 3.5mm Mic In Audio Jack, 1 x 3.5mm Combo Jack (CTIA), 1 x Clear CMOS Button
	Rear panel	1 x DC Jack, 1 x HDMI Type-A, 1 x VGA, 1 x DP 4 x USB2.0 Type-A, 1 x RJ45, 2 x WIFI ANT
	Side panel	1 x Kensington Lock
Software	OS Supports	WINDOWS 10/WINDOWS 11/LINUX
	Watchdog	support
	vPro/AMT	No support
	TPM2.0	No support
Power	Power input	12V DC IN, 2.5/5.5 DC Jack
Size	Size	168 x 120 x 33mm
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
Z105-N305	I3-N305/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI
Z105-N300	I3-N300/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI
Z105-N200	N200/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI
Z105-N100	N100/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI