

# L105

## JWIPC L Series Mini PC Module

JWIPC L105 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.

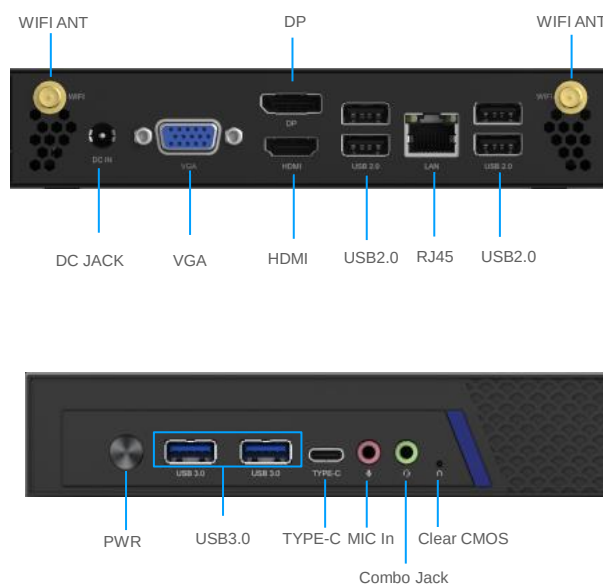


- Mini PC Standard Module
- Intel Alder Lake N Platform processors
- 1 x SO-DIMM DDR4 3200MHz, Up to 16GB
- 1 x M.2 2280 KEY-M for SATA/PCIE SSD
- Onboard 32GB/64GB (Option) EMMC
- 1 x M.2 2230 KEY-E for WIFI/BT
- 1 x Gigabit Lan
- 2 x USB3.0, 4 x USB2.0, 1 x TYPE-C
- 1 x HDMI, 1 x VGA, 1 x DP
- 12V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

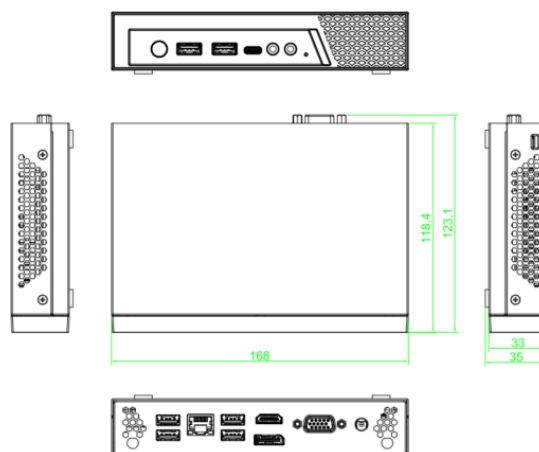
## 01 Specifications

|                  |                    |                                                                                                                                                              |
|------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>1 x DP1.4, Max resolution up to 4096 x 2160@60Hz<br>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 Wi-Fi5/Wi-Fi6 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<br>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)<br>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<br>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                                                                                                                                        |

## Product view



## Dimensions



## Product Selection

| Model     | Description                                                                                               |
|-----------|-----------------------------------------------------------------------------------------------------------|
| L105-N305 | I3-N305/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI |
| L105-N300 | I3-N300/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI |
| L105-N200 | N200/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI    |
| L105-N100 | N100/1xHDMI/1xVGA/1xDP/1x1.0Gbps LAN/2xUSB3.0/4xUSB2.0/1xTYPE-C/1x3.5mm Mic In/1x3.5mm Combo Jack/WIFI    |