

# J51-C8 Max



## Intel® Windows 11 Pro Mini PC

- Intel® Jasper Lake Quad-core N5105 Processor, up to 2.9GHz
- Windows 11 Pro(64-bit) Pre-installed
- Triple Display Ready: HDMI(4K@60Hz)+Mini DP(4K@60Hz)+USB-C (4K@60Hz), Mini DP port support DP++ feature
- Includes 8GB DDR4+512GB M.2 PCIe Gen3 x4 NVMe SSD
- Expandable Memory and Storage: 2 x 260-pin DDR4 SO-DIMM Slot+ 1 x M.2 2280 M-KEY Slot
- 802.11 ax Dual-Band Wi-Fi 6(2.4GHz/5.0GHz), Bluetooth 5.2
- Dual RJ45 2.5Gigabit Fast Ethernet
- Housing Material: Aluminium Alloy, Space Grey
- VESA Mount
- Kensington Lock, Wake On LAN, AC Power Loss, RTC Wake Up



4K @ 60Hz Video Playback



Windows 11 PRO



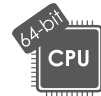
Triple Display Ready



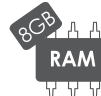
Dual 2.5G Ethernet



802.11ax Dual-Band Wi-Fi 6



Intel N5105 (64-bit)

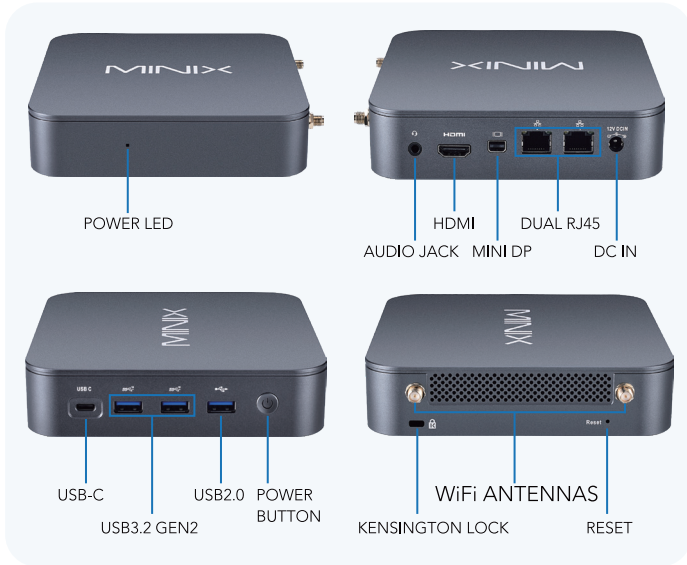


8GB DDR4



512GB SSD

## Product View



## I/O Interfaces

- **LAN Ports** 2 x RJ45, 10M/100M/1000M/2.5Gigabit Fast Ethernet
- **USB Ports** 2 x USB3.2 GEN2(10Gbps), 1 x USB2.0, 1 x USB-C
- **Audio Jack** 3.5mm Audio Jack (Earphone+Micphone, 2-in-1)
- **Display Output** 1x HDMI2.0b, 3840X2160 @60Hz  
1x miniDP1.2, 3840X2160 @60Hz  
1x USB-C, 3840X2160 @60Hz
- **Antenna** 2 x External WiFi Antennas
- **Power Button** 1 x Power Button
- **Clear CMOS Button** 1 x Clear CMOS Button (Reset BIOS)
- **Kensington Lock** 1 x Kensington Lock
- **Power Connector** 1 x DC-IN Jack

## Specifications

### System Hardware

- **BIOS** AMI EFI X64
- **Processor** Intel® Jasper lake Quad-core N5105 (Base Frequency 2.0GHz, Max Turbo Frequency 2.90 GHz)
- **Memory** 2 x 260-pin DDR4 2666/2933/3200MHz SO-DIMM 8GB, up to 16GB
- **Graphics Engine** Intel® UHD Graphics
- **Ethernet** 1 x i225-V 2.5Gigabit Ethernet (LAN1)  
1 x RTL8125BG-CG 2.5Gigabit Ethernet (LAN2)
- **LED Indicators** LEDs for Power, LAN (Active, Status)
- **Storage** 512GB M.2 PCIe Gen3 x4 NVMe SSD
- **Expansion** 1 x M.2 M-KEY Slot (support M.2 2280 PCIe Gen3 x4)
- **COM port** 1 x COM by pin header to support RS232
- **WIFI/BT** Intel® Wireless-AX201(Dual band AX WiFi), support CNVi

## General

- **Certification** CE, FCC, RoHS
- **Dimensions (WxDxH)** 139.8x139.8x39mm (4.19" x 4.19" x 1.17")
- **Form Factor** Pocket sized
- **Encloser** Aluminum Housing
- **Weight (Net)** 1.25 kg
- **Power Requirement** 12V/3A DC-IN, Or via USB-C Input(12V DC)
- **Power Consumption** 12.8W (Typical), 35W (Max)
- **Operating System** Windows11 Pro, Ubuntu 20.04

## Environment

- **Operating Temperature** -10 ~ 50°C @ 5 ~ 85% RH with 0.7 m/s
- **Storage Temperature** -20 ~ 70°C
- **Relative Humidity** 10 ~ 95% RH @ 40 °C/104 °F, non-condensing