



SPECIFICATIONS

System

CPU	Intel Processor N100/N150
Memory	Single SO-DIMM DDR4 Max. 16 GB
Storage	1 x M.2 M Key 2280 NVMe/SATA SSD 1 x EMMC 64GB (optional)
Display	2 x HDMI, support 4K@60Hz, 1 x DP, support 4K@60Hz
USB	2 x USB3.2 Gen2 Type-A, 1 x USB3.2 Gen2 Type-C, 2 x USB2.0 Type-A
LAN	1 x RJ45, 10/100/1000Mbps
COM	1 x COM RS232/RS485
Audio	1 x Line-out, 1 x Mic-in
Expansion	1 x M.2 E Key 2230 (for WiFi & Bluetooth), 1 x M.2 B Key 3040/3050 (for 4G/5G)
TPM	TPM2.0
WatchDog	Support
Auto power on	Support
RTC	Support

OS

OS Support	Windows11, Linux
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OPTIONS

System

CPU	Intel Processor N100 Intel Processor N150
Memory	Single SO-DIMM DDR4, 8GB, 16GB
Storage	M.2 2280 NVMe/SATA, 128GB, 256GB, 512GB EMMC 64GB

FEATURES

- Intel low power processor N100 or N150, TDP 6W
- Three displays, 2*HDMI & DP both support 4K@60Hz
- M.2 2280M Key is compatible with SATA and NVMe
- An optional 64GB EMMC is available
- Multiple USB interfaces, two USB3.2 Gen2 Type-A, one USB3.2 Gen2 Type-C, two USB2.0
- Multiple network connections, with a gigabit network port, WiFi and 4G/5G options

Power

Input Voltage	12~19V, 2.5/5.5 DC-in
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Mechanical

Dimensions	149x128x27mm (5.9x5.0x1.1 in)
Net Weight	0.7kg (1.5lb)

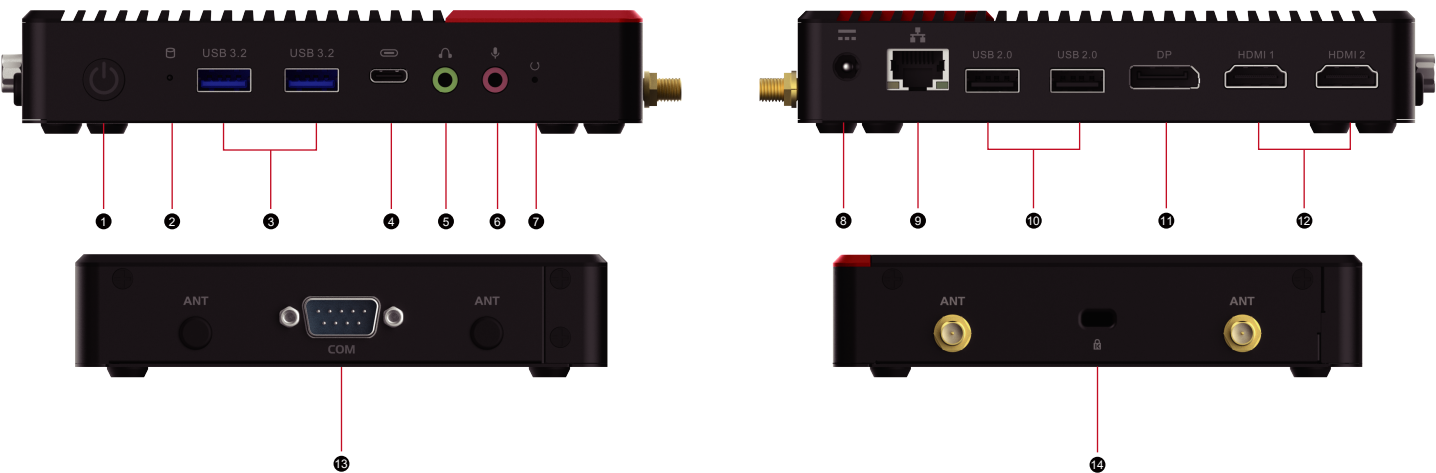
Environment

Operating Temperature	-5~45℃ (23~113°F)
Storage Temperature	-20~70℃ (-4~158°F)
Relative Humidity	10%~90% (non-condensing)
Vibration	Operating random vibration test 5~500Hz, 1Grms @with SSD, follows IEC 60068-2-64)
Shock	Operating 10G peak acceleration (11ms duration), follows IEC 60068-2-27)
EMC	CE FCC

Communications

WiFi & Bluetooth	AW-CB231NF, AX101
4G/5G	EC25, EG25, EM05

I/O LAYOUT



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|------------------|--------------------|---------------------|---------------------------|--------------|
| ❶ Power Button | ❷ HDD LED | ❸ 2 x USB3.2 Gen2 | ❹ 1 x Type-C, USB3.2 Gen2 | ❺ Line-out |
| ❻ Mic-in | ❼ Reset | ❽ DC-in 12~19V | ❾ 1 x RJ45, 1000Mbps | ❿ 2 x USB2.0 |
| ⓫ 1 x DP 4K@60Hz | ⓬ 2 x HDMI 4K@60Hz | ⓭ COM (RS232/RS485) | ⓮ Kensington Lock | |

PRODUCT DIMENSIONS

unit: mm

