



FEATURES

- Intel Raptor Lake-U high-performance processors
- Supports DDR5 dual-channel memory, Max. 64GB
- Four HDMI interfaces, support 4K@60Hz
- Compatible with SATA and NVMe M.2 2280 SSD
- Dual RJ45 network ports, Wi-Fi supported, and 4G/5G optional
- The vPro function is optional

SPECIFICATIONS

System	
CPU	Intel Raptor Lake-U Processors
Memory	2 x SO-DIMM, DDR5 4800MHz, Max. 64GB
Storage	1 x M.2 M key 2280 NVMe/SATA
Display	4 x HDMI support 4k@60Hz
USB	5 x USB3.2 Gen1 Type A, 1 x Type-C
COM	2 x RS232,
LAN	2 x 10/100/1000/2500Mbps RJ-45
Audio	1 x Line out, 1 x MIC
Expansion	1 x M.2 E Key 2230 (for WiFi & Bluetooth), 1 x M.2 B Key 3042/3052 (for 4G/5G)
TPM	TPM2.0
WatchDog	Supports
vPro	Optional

OS

OS Support	Windows10/11, Linux
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OPTIONS

System	
CPU	Intel Core i3-1315U Intel Core i5-1335U Intel Core i7-1355U
Memory	DDR5 Memory, support 8GB, 16GB, 32GB, 64GB
Storage	M.2 2280 NVMe/SATA, support 128GB, 256GB, 512GB

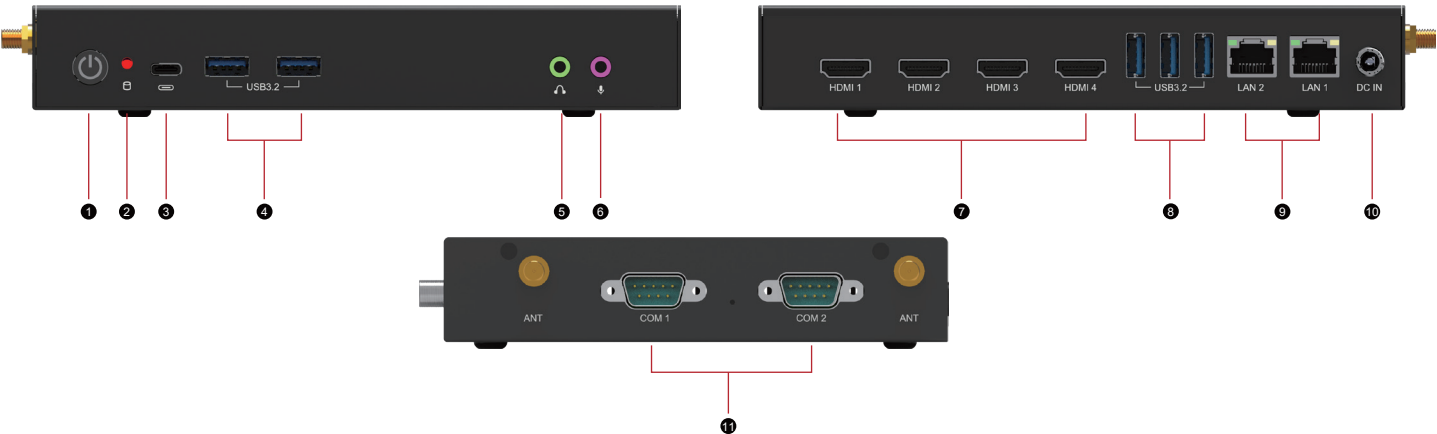
Power	
Input Voltage	12~19V 2.5/5.5 DC-In

Mechanical	
Dimensions	190x147.8x30.4mm (7.5x5.8x1.2 in)
Net Weight	2kg

Environment	
Operating Temperature	-5~45℃
Storage Temperature	-20~70℃
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	M.2 E Key 2230, support WiFi & Bluetooth
4G/5G	M.2 B Key 3042/3052, support 4G/5G

I/O LAYOUT



- 1 Power Button

2 HDD LED

3 1 x Type-C

4 2 x USB3.0

5 Line Out

6 Mic-In
- 7 4 x HDMI 4K@60Hz

8 3 x USB3.0

9 2 x RJ45

10 DC-In 12~19V

11 2 x COM (RS232)

PRODUCT DIMENSIONS

unit: mm

