

SPECIFICATIONS

System	
CPU	Intel® Core Ultra 1 or 2 series Processors
Memory	2 x SO-DIMM, DDR5 4800MHz, Max. 64GB
Storage	1 x M.2 M key 2280 NVMe/SATA 2 x M.2 M Key 2280 NVMe
Display	4 x HDMI (HDMI 1 support 8k@60Hz)
USB	2 x USB3.2 Gen2 Type A, 2 x USB3.0 Type A, 4 x USB2.0 Type A, 1 x USB3.0 Type-C
COM	1 x RS232, 1 x RS232/RS485 Optional, with built-in pins
LAN	1 x 10/100/1000/2500Mbps RJ-45 (Intel I226-V), 1 x 10/100/1000Mbps RJ-45 (Intel I219-LM)
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

OS

OS Support	Windows10/11, Linux
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FEATURES

- Intel Ultra 1 or 2 series high-performance processors
- Supports DDR5 dual-channel memory, Max. 64GB
- Four HDMI interfaces, HDMI 1 support 8K@60Hz
- Support for mass storage, three M.2 M Key 2280, one of which supports SATA/NVMe
- Eight USB interfaces are designed to meet the needs of simultaneous connection of multiple USB devices
- Dual RJ45 network port, support Wi-Fi, compatible with 4G/5G, to meet the needs of multi-scene

Power	
Input Voltage	DC 12~19V

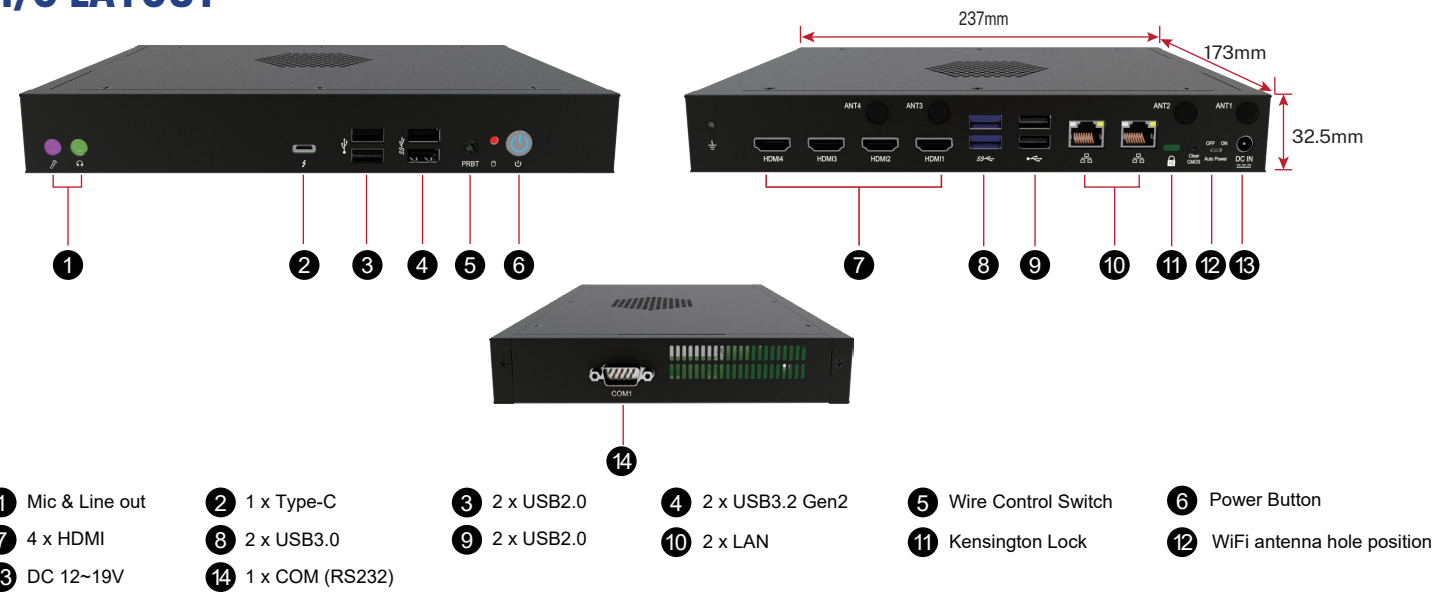
Mechanical	
Heat dissipation	Copper tube and Smart Fan
Dimensions	237x173x32.5mm (9.3x6.8x1.3 in)
Net Weight	2kg

Environment	
Operating Temperature	0~40℃
Storage Temperature	-20~80℃
Relative Humidity	10%~90% (non-condensing)
Vibration	Operating random vibration test 5~500Hz, 1Grms @with SSD, follows IEC 60068-2-64)
Shock	Operating 15G peak acceleration (11ms duration), follows IEC 60068-2-27)
EMC	CE FCC

OPTIONS

System		Communications	
CPU	Intel Core Ultra 5-125U Intel Core Ultra 5-125H Intel Core Ultra 5-225H Intel Core Ultra 7-255H	WiFi & Bluetooth 4G/5G	M.2 E Key 2230, support WiFi & Bluetooth M.2 B Key 3042/3052, support 4G/5G
Memory	DDR5 Memory, support 8GB, 16GB, 32GB, 64GB		
Storage	M.2 2280 NVMe, support 128GB, 256GB, 512GB, 1TB		

I/O LAYOUT



PRODUCT DIMENSIONS

unit: mm

