



FEATURES

- Intel® Core™ Ultra Processor (Series 1)
- Three displays, 2*HDMI & JAE both support 4K@60Hz
- M.2 M Key 2280 is compatible with SATA and NVMe
- An optional M.2 B Key 2242 SSD is available
- Multiple USB interfaces, two USB3.2 Gen2 Type A, tow USB2.0 Type A, one USB3.2 Gen1 Type C
- Multiple network connections, with a 2.5G network port, WiFi and 4G/5G options

SPECIFICATIONS

System	
CPU	Intel® Core™ Ultra Processor (Series 1)
Memory	2 x DDR5 SO-DIMM 5600MHz, Max. 32GB
Storage	1 x M.2 M Key 2280 NVMe/SATA SSD, 1 x M.2 B Key 2280 SATA SSD
Display	2 x HDMI, support 4K@60Hz, 1 x 80pin (1 x HDMI2.0 4K@60Hz, 1 x DP1.4 5K@60Hz)
USB	2 x USB3.2 Gen2 Type A, 2 x USB2.0 Type A, 1 x USB3.2 Gen1 Type C
LAN	1 x RJ45, 2.5Gbps
Audio	1 x Audio combo jack
JAE	1 x HDMI2.0 4K@60Hz output, 1 x DP1.4 5K@60Hz output, 2 x USB2.0, 1 x USB3.0, 1 x TTL
Button	1 x Power Button, 1 x Reset
Expansion	1 x M.2 E Key 2230 for WiFi & Bluetooth 1 x 4G/5G (optional)
SIM Card	1 x SIM Card Slot (optional)
WatchDog	Support
Auto power on	Support
RTC	Support
OS	Windows11/Linux

Power	
Input Voltage	12~19V, 2.5/5.5 DC Jack & JAE 80pin
Mechanical	
Dimensions	118x180x30mm (4.6x7.1x1.2 in)
Environment	
Operating Temperature	-5~45℃ (23~113℉)
Storage Temperature	-20~70℃ (-4~158℉)
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

OPTIONS

System	
CPU	Intel® Core™ Ultra 5 125H, Intel® Core™ Ultra 5 135H, Intel® Core™ Ultra 7 155H
Memory	DDR5 SO-DIMM, 8GB, 16GB, 32GB
Storage	M.2 2280 NVMe/SATA, 128GB, 256GB, 512GB M.2 2242 SATA SSD, 128GB, 256GB, 512GB

Communications	
WiFi & Bluetooth	WiFi6
4G/5G	Optional

I/O LAYOUT

1 Power Button
2 Power LED
3 Audio combo jack
4 2 x HDMI, 4K@60Hz
5 USB3.2 Gen1 Type C
6 2 x USB3.2 Gen2
7 RJ45, 2.5G
8 2 x USB2.0
9 Reset
10 HDD LED
11 Kensington Lock

12 SIM Card slot
13 JAE
14 DC IN 12~19V

PRODUCT DIMENSIONS

unit: mm

