

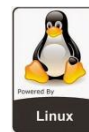
ALPHA-IW-ULTRA5-125U

Intel 14th Gen Core Ultra



Features:

- ◇ All aluminum alloy structure, fanless design;
- ◇ Onboard 14th gen Intel Core Ultra processor;
- ◇ 3*Intel i226-V Lan;
- ◇ 3*HDMI+1*Type-C, Support Four display
- ◇ Support M.2 (SSD)+2.5-inch HDD+WIFI+4G;
- ◇ Applied OS:



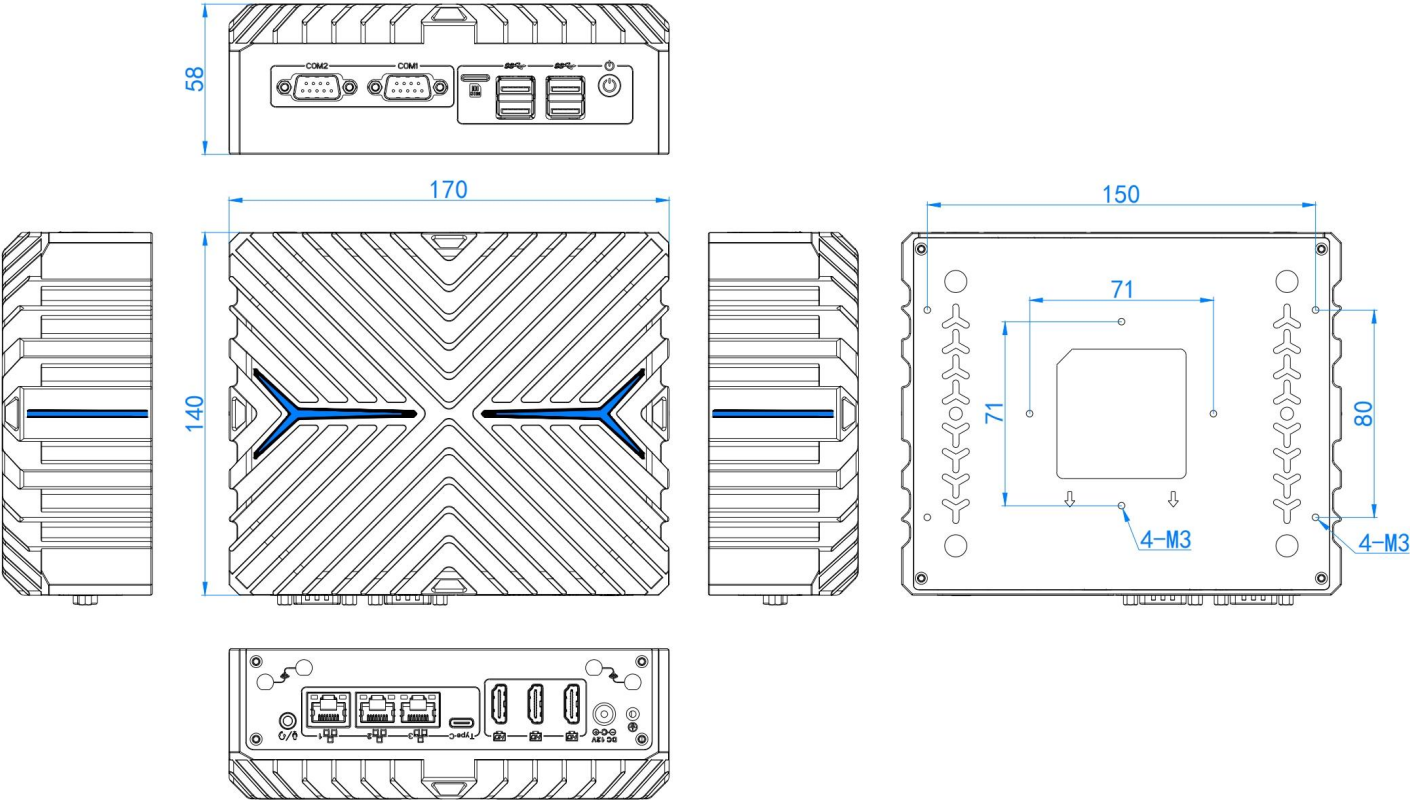
Specification

Model	ALPHA-IW-ULTRA5-125U
Color	Metal gray (color can be customized freely)
Material	Aviation grade aluminum alloy fanless efficient heat dissipation
Processor	Onboard Intel Core Ultra 5 125U (12 core 14 threads, Max Turbo 4.3 GHz) Onboard Intel Core Ultra 7 155U (12 core 14 threads, Max Turbo 4.8 GHz)
NPU	Intel AI Boost (Max Frequency 1.4GHz)
RAM	Support 1*DDR5 4800 SODIMM memory slot, Max 32 GB
BIOS	AMI EFI BIOS
Display Chip	Intel Graphics
Display Port	3 HDMI , 1 Type-C , Support synchronous/asynchronous Four display, Max resolution 4096x2160 @ 60Hz
Front I/O	2 COM (RS232/485), 1 SIM card slot, 2 USB 3.1, 2 USB 2.0, 1 Power Button
Rear I/O	1 DC , 3 HDMI, 1 Type-C(support 4096x2160 @ 60Hz) 3*2.5G Lan, 1* Audio (Support Mic & Speaker at the same time)
Expansion Slot	Support 1 M.2 2280 M-Key slot (NVME protocol, PCIE4.0X4) Support 1 M.2 2230 E-key slot (supports WIFI, Bluetooth) Support 1 MINI PCIE slot (PCIE &USB2.0 , supports 4G/WIFI), external SIM card slot (Nano card) Expansion slot: (not included in standard shipments): 2 USB 2.0, 4 GPIO
Network	3 Intel i226-V 100/1000/2500M Lan
Storage	Supports 1 M.2 2280 slot and 1 2.5-inch HDD
Input Voltage	DC 12V
Other Function	Auto power on、Timing boot、Wake on LAN、 PXE boot、 Watchdog (level 0-255), TPM2.0 security encryption
Work Temp	0℃ ~ +40℃ (Commercial HDD) , -20℃ ~ +50℃ (Industrial SSD) , Surface air flow
Work Humidity	5% ~ 95% non-condensing
Certificates	CE、 CCC、 FCC Class A、 RoHS
Dimension	170 * 140 * 58 mm
Net Weight	1.1 kg

Application

Industrial Control, Industrial Automation, Robot, IoT Gateway, Edge Computing, Machine Vision, AGV/AMR, etc

ALPHA-IW-ULTRA5-125U



Accessory

Name	Quantity	Specification
Power Adapter	1	Intel Core Ultra 5/12V 7.5A
		Intel Core Ultra 7/12V 10A
Power Cord	1	CN、US、UK、EU.etc
VESA Bracket	1	Standard

Order Information

Configuration 1	ALPHA-IW-ULTRA	Intel® Core™ Ultra 5 125U	Standard Port
Configuration 2		Intel® Core™ Ultra 7 155U	Standard Port