

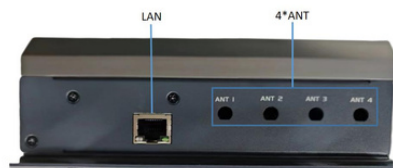
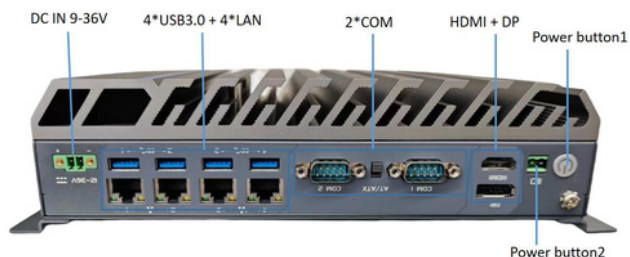
Intel® Alder Lake-U General Industrial BOX PC

Features

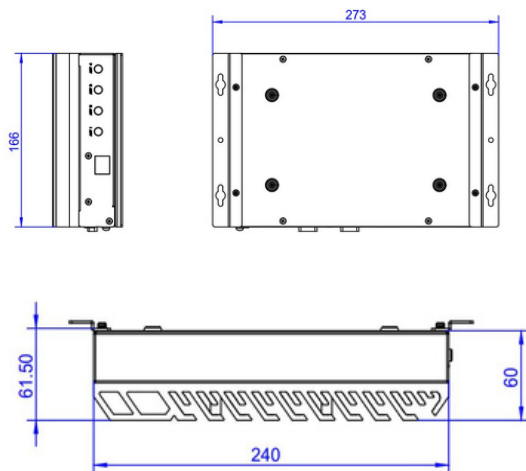
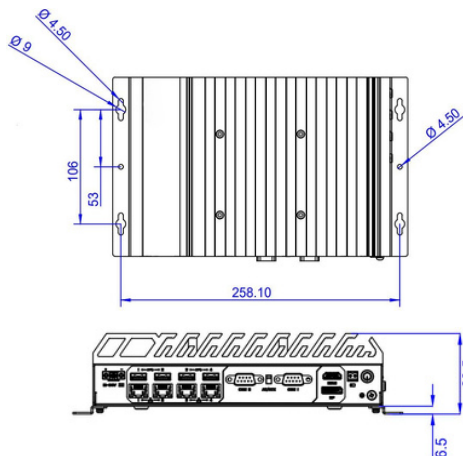
- Intel Alder Lake-U
- 1 x SO-DIMM DDR5, max 32GB
- 1 x M.2 2230, for Wi-Fi + BT module
- 1 x M.2 3042/3052, for 4G/5G module
- HDMI + DP display interface
- 5 x 10/100/1000M Ethernet, optional POE power supply module
- 4 x USB, 2 x COM
- DC IN 12-36V
- Support Wake-on-LAN/hardware monitoring/power-on/diskless boot



■ Product View



■ Dimensions



Specifications

System	Processor	Intel Alder Lake-U, Onboard CPU i3-1215U/i5-1235U/i7-1255U
	Chipset	Intel® Alder Lake-U SOC
	BIOS	AMI UEFI BIOS
	GPU	i3: Intel UHD Graphics for 12th Gen Intel Processors i5/i7: Intel Iris Xe Graphics eligible
	Memory	1 x SO-DIMM Slot, DDR5-4800 , Supports up to 32GB
	OS	Windows 10/Windows 11/Ubuntu
I/O interface	USB	4 USB3.0
	COM	2 COM, DB9, Optional RS232/485/422, switch via BIOS
	LED	Power, LAN
Expansion	M.2	1 M.2 Key E 2230, for Wi-Fi + BT; 1 M.2 Key B 3042/3052, for 4G/5G
Display	Graphics Processor	Intel® UHD Graphics
	Interface	1 HDMI 1.4b Type-A port, support 1920*1080; 1 DP1.2 interface, support 4K@60Hz
Storage	Storage Device	7 + 15 Pin SATA3.0; 1 M.2 Key 2242/2280, support NVME PCIE X 47 + 15 Pin SATA 3.0 Combo Socket, 1 M.2 Key 2242/2280, NVME PCIE X 4 SUPPORTED
Audio	Audio Codec	Realtek ALC897
	Audio Interface	1 FP Audio Pin, 2*5 Pin, 2.54mm (8 Pins Drawn)
Ethernet	LAN	4 1000M RJ45 interface (1*Intel I210AT + 3*Intel I226-V network card), support Wake-on-LAN, 4KV surge protection, optional support POE; 1 1000M RJ45 interface (optional)
Power	Power Input	DC IN 12-36V
	Power Interface	2 Pin Phoenix terminals, supports RVP/SCP/OVP/OCF
Others	Watchdog Timer	1 to 255 sec./min. per step
	TPM	support TPM 2.0 (Optional)
Mechanical	Dimensions	240mm(L)×166mm(W)×60mm(H)
	Weight	TBD
	Mounting	Desk mounting
environment	Operating Temp.	-20~60°C (When using wide temperature storage memory)
	Storage Temp.	-30-80°C
	Humidity	Working humidity 10%-90% non-condensing; Storage humidity 5%- 95% non-condensing
	Shock	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
	Vibration	With SSD:2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis

model	processor	Display	DIMM	LAN	USB3	USB2	COM	M.2
SDC-ADL-box-01	Intel i3-1215U	2	1	4	4	/	2	3
SDC-ADL-box-02	Intel i5-1235U	2	1	4	4	/	2	3
SDC-ADL-box-03	Intel i7-1255U	2	1	4	4	/	2	3