

ST-CWXF-4L v1.0

Intel® 12th Gen Alder Lake-N N95/N100/N200/N305 Processors



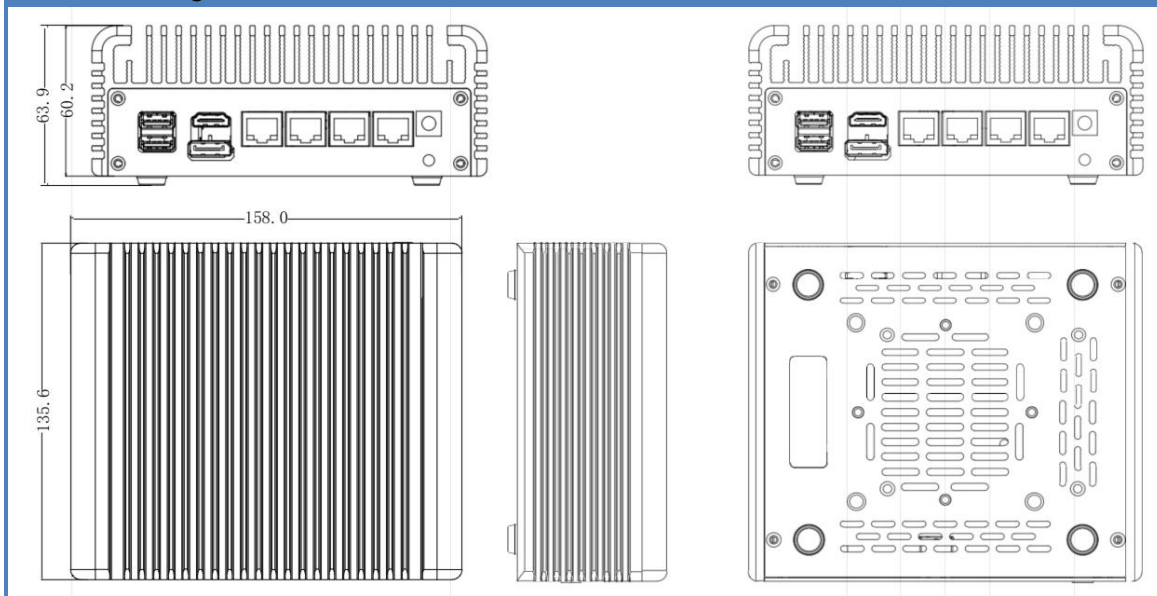
- Main Features**
- Aluminum Alloy ; Passive Cooling
 - Intel N95/N100/N200/N305 CPUs
 - 1x DDR5 RAM slot, up to 32GB
 - 1x SATA3.0 + 1x M.2 NVMe X4
 - 4x 2.5GbE Ports (RJ45)
 - HDMI+DP 4K Display
 - 1xTPM ; 1x TF slot
 - 1x M.2 (Wifi&BT module)
 - 2x USB3.0 ; 6x USB2.0
 - DC_12V Power Input

Specification :

Model NO.	ST-CWXF-4L V1.0 (N100)	
Chassis	Structure	All Aluminum Alloy ; Passive Cooling (Fanless)
	Dimension	158mm*125.2mm*63.9mm
	Color	Dark Black / Gray
	Installation	VESA_mount / Desktop
Motherboard	Processor	Intel® 12 th Gen Alder Lake-N Series N95/N100/N200/i3-N305 Processors
	Chipset	Intel SoC
	Graphics	Integrated Intel UHD Graphics (according to CPU)
	Memory	1x SO-DIMM slot,4800MHz DDR5 Memory , up to 32GB
Front Panel	Switch	1x Power Switch ; 1x GPIO Switch ; 1x Auto_Power on Switch ; 1x Clr_CMOS Switch
	LED	1x Power.LED ; 1x HDD.LED
	USB	2x USB3.0 ; 4x USB2.0
	Antennas	2x Wifi&BT Antenna holes
	Expansion	1x TF card slot
Rear Panel	Ethernet	4x RJ45 2.5GbE ports (Intel I226V 2.5G Ethernet Controller), support Wake_on_LAN/PXE
	Display	1x DP 1.4 (4096*2160 @60Hz) ; 1x HDMI1.4 (1920*1080 @60Hz)
	USB	2x USB2.0
	DC_Jack	1x DC_12V Power Jack (55*25)
Storage	SATA	1x SATA3.0, support 1x 2.5" HDD
	M.2	1x M.2 Key_M slot, support 2242/2280 NVMe SSD
Expansion	M.2	1x M.2 Key_E slot, support M.2 2230/2242 Wifi&BT module
	Inner_I/O	1x RS232(2*5pin) ; 1x TPM (AUSU standard)
OS Support	System	Windows / Linux OS etc.
	BIOS	64Mb Flash ROM
	Watch Dog	Hardware reset function (L256, 0~255 seconds)
Power Supply	Power Adaptor	DC_12V 5A input

Reliability	Working Temp.	-10°C ~ 60°C
	Storage Temp.	-20°C ~ 70°C
	Relative Humidity	5%-95% relative humidity, non-condensing
	Working Vibration	0.5g rms/5-500HZ/random/operating

Drawing:



ST-CWXF-4L Ordering info:

No.	Model	Processor	RAM	Display	Ethernet	Wif&BT	Auto_Boot	GPIO	USB	TF	TPM	Storage	power
1	ST-CWXF-4L V1.0 (N95)	N95 (3.4G / 4+4)	1x DDR5	DP+HDM I	4x 2.5GbE	Yes	Yes	Yes	8	1	Yes	SATA + M.2	DC_12V
2	ST-CWXF-4L V1.0 (N100)	N100 (3.4G / 4+4)	1x DDR5	DP+HDM I	4x 2.5GbE	Yes	Yes	Yes	8	1	Yes	SATA + M.2	DC_12V
3	ST-CWXF-4L V1.0 (N200)	N200 (3.7G / 4+4)	1x DDR5	DP+HDM I	4x 2.5GbE	Yes	Yes	Yes	8	1	Yes	SATA + M.2	DC_12V
4	ST-CWXF-4L V1.0 (N305)	i3-N305 (3.8G / 8+8)	1x DDR5	DP+HDM I	4x 2.5GbE	Yes	Yes	Yes	8	1	Yes	SATA + M.2	DC_12V