

HM313 Series

Features

- Intel Alder Lake-N series N97/I3-N305
- Single-channel DDR5-4800, with a maximum memory capacity of 16GB
- 3x LAN (2x Intel i210; 1x Realtek RTL8111H) 1x RS-232/422/485; 1x RS-232
- 3x USB 3.0; 1x USB 2.0
- 8 DI, 8DO; 2encoders
- Support expansion of 4G/5G and Wi-Fi 6 wireless communication modules
- DC9-36V, support optional UPS module expansion

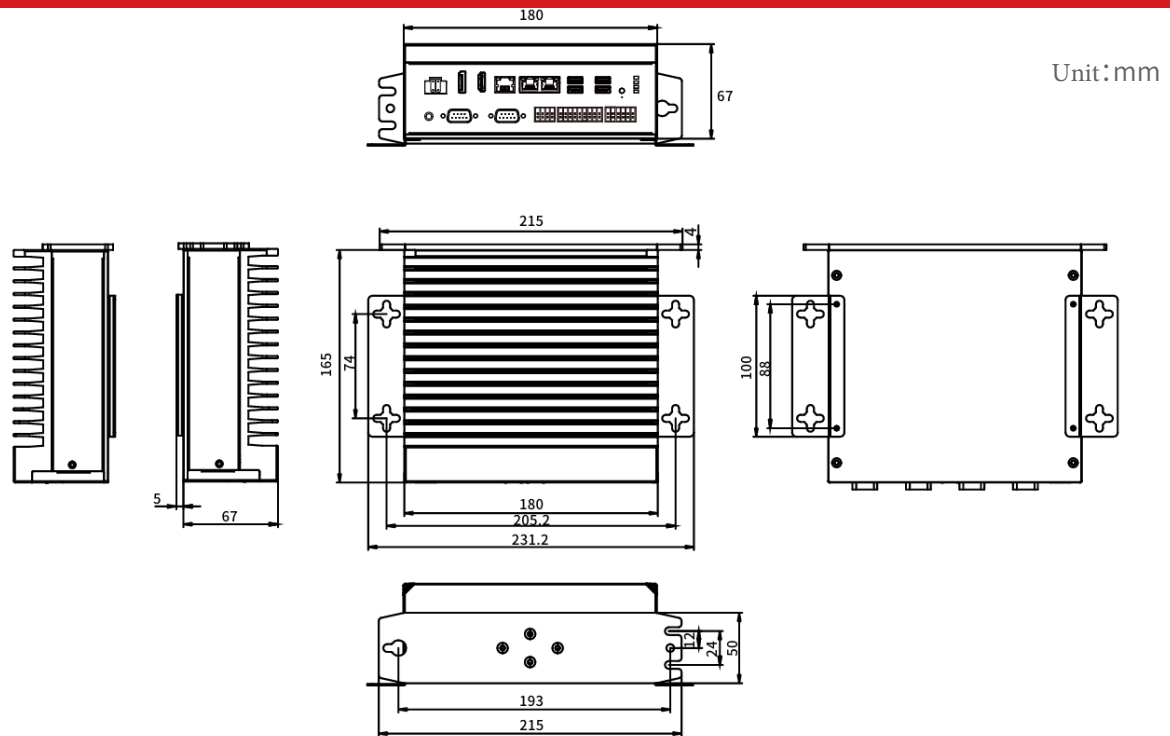


Product Parameters

Product Parameters		
System Parameters	CPU	Intel® Alder Lake-N series N97/I3-N305
	Chipsets	Intel® SoC Integrated
	BIOS	AMI 128Mbit SPI Flash
	Memory	1x SODIMM DDR5, MAX 16GB
	Storage	1x M.2 M-Key 2280, SATA 3.0
External I/O	Display	1x DP, MAX 4096 x 2304@60Hz 1x HDMI, MAX 4K/2K@60Hz
	LAN	2x LAN, Intel® i210 GbE 1x LAN, Realtek RTL8111H GbE
	COM	1 x RS-232/422/485, 1 x RS-232
	USB	3x USB3.0; 1x USB2.0
	DIO	8x DI; 8x DO
	Light Source	2x Light Source&Trigger
Others	REMOTE	Support remote switching, integrated in the power supply part
	RESET	Support BIOS reset by long-pressing the power button when shutdown

Product Parameters		
Internal Expansion	USB	1xInternal USB2.0(pin),1xUSB2.0 Type-A
	M.2	1xM.2 3042/3052, support 4G/5G; 1xM.2 2230, support Wi-Fi
	SIM	1 x Nano SIM
System	OS	Windows 10 IoT LTSC、Linux
Power supply	Input voltage	24V DC IN, 4PIN Phoenix
	Power	MAX 60W
Mechanical parameters	Installation	Wall-mounted installation (rail optional)
	Dimensions	180x165x67mm
	Net weight	2kg
Environmental parameters	Operating temperature	0~60°C, with an air flow of 0.7 meters per second
	Storage temperature	-40°C ~85°C, 60°C @ 95% (non-condensing)
	relative humidity	10 ~ 95% @ 40°C(non-condensing))
	EMC	CE、FCC Class B

HM313



Ordering Information

Model	CPU	MEM	SSD	HDD (2.5")	Expansion module
HM313-N9XXX	N97	8G/16G	128G/256G/512G/1T/2T	/	WIFI module/5Gmodule
HM313-S3XXX	I3-N305	8G/16G	128G/256G/512G/1T/2T	/	WIFI module/5Gmodule

*XXX represents the memory capacity 2^X, solid-state drive capacity 2^X, and mechanical hard drive capacity XT in sequence