

HC8020

FEATURES



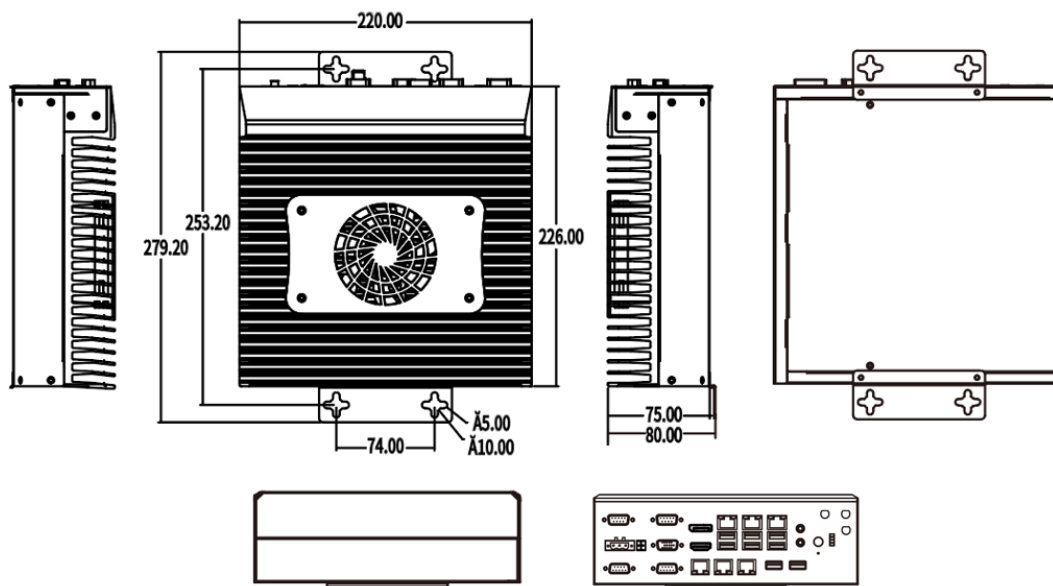
- Intel® 12-14th Gen Core™ I3-12100/I5-12400/I7-12700 Processors
- 1xDP, 1xHDMI, 1xVGA
- 2x DDR5 SO-DIMM , Max 64GB
- 6x Gigabit LAN(5x Intel i210 and 1x Intel i219)
- 1x RS-232/422/485, 2x RS-232/485, 1x RS-232
- 4x USB3.2, 4x USB2.0
- Support 4G/5G, Wi-Fi expansion
- Compact and Rugged design

Product Parameters		
System parameters	CPU	Intel® 12-14th Gen Core™ I3-12100/I5-12400/I7-12700 Processors
	Chipset	H610/Q670
	BIOS	AMI 128Mbit SPI Flash
	Memory	2x SO-DIMM DDR5, Max 128GB
	Storage	H610(Default) : 1 x M.2 2280 SSD (SATA) ; Q670/H670 : 1 x M.2 2280 SSD (SATA), Optional modification 2 x SATA, Q670/H670 support RAID 0/RAID 1, BIOS switch ;
External I/O	Display	1x DP1.4a, MAX 4096 x 2304@60Hz; 1x HDMI2.0b, MAX 4096 x 2160@30Hz; 1x VGA, MAX 1920 x 1200@60Hz
	Ethernet	1x LAN, Intel® I219; 5x LAN, Intel® I210
	COM	1x RS-232/422/485; 2x RS-232/485; 1x RS-232
	USB	H610(Default) : 4 x USB3.2 (2 x GEN1, 2 x GEN2), 4 x USB2.0 ; Q670/H670 : 6 x USB3.2 (GEN2), 2 x USB2.0
	Audio	1x Line-out、1x Mic-in
Other	Remote	Support remote switch
	Reset	Support long - press restart

Product Parameters		
Internal Expansion	USB	1x USB2.0, Type-A
	M.2	1 x M.2 2230 Supports Wi-Fi (supports PCIe) ; H610(Default) : 1 x M.2 3042 supports 4G ; Q670/H670 : 1 x M.2 3052 supports 4G/5G ;
	SIM	1x NANO SIM
	PCIe	/
	PCI	/
System	OS	Windows 10/11, centos 8, ubuntu 20.04/22.04
Power supply	Input voltage	DC 24V
	Power consumption	180W
Mechanical parameters	Installation	wall-mounted installation
	Dimensions	220 x 226 x 75mm (LxWxH)
	Net weight	3.4kg
Environmental parameters	Operating temperature	0~50°C
	Storage temperature	-20°C ~60°C
	Relative humidity	10 ~ 95% @ 40°C (non-condensing)
	EMC	CE、FCC

HC8020

unit: mm



Ordering information

Model	CPU	MEM	SSD(M.2)	SSD(2.5")	Expansion Module
HC8020-S12XXX	i3-12100	8G/16G /32G	128G/256G/512G/1T	512G/1T/2T/4T	4G/WiFi
HC8020-C12XXX	i5-12400	/8G*2 /16G*2	128G/256G/512G/1T	512G/1T/2T/4T	4G/WiFi
HC8020-M12XXX	i7-12700	/32G*2 DDR5	128G/256G/512G/1T	512G/1T/2T/4T	4G/WiFi

*XXX represents MEM of 2^X, SSD capacity of 2^X, and HDD capacity of XT in sequence.

*The packing list of this series of products includes: HC8020 High - Performance Embedded Industrial Computer * 1, Mounting Ear and Hanging Kit * 1, Power Phoenix Terminal * 1