

HM512

FEATURES

- Support Intel Tiger Lake-U UP3
- Max. 64GB DDR4 3200MT/s SO-DIMM RAM
- Intel® Iris® Xe graphics, up to 96 graphics execution units(EU)
- 4x GbE LAN (4 x Intel i210)
- 3x RS-232, 2x RS-485
- Compact and fanless design

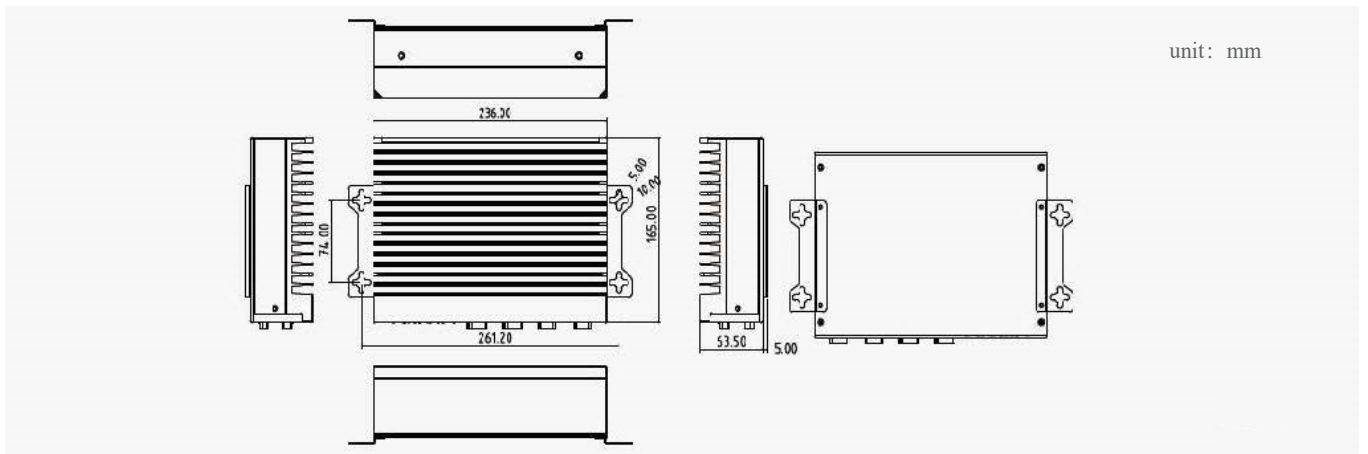


Product Parameters

System parameters	CPU	Tiger Lake U UP3 (I3-1115G4/I5-1135G7/I7-1165G7)
	chipset	Intel® SoC Integrated
	BIOS	AMI 128Mbit SPI Flash
	memory	2x SODIMM DDR4, MAX 64GB
	storage	1x M.2 M/B-Key 2280, SATA3.0; 1x SATA
External I/O	display	1x HDMI, MAX 4096 x 2304@60Hz
	Ethernet	4x LAN, Intel®I210-AT
	COM	3x RS-232, 2x RS-485
	USB	4x USB3.0
	Audio	1 x Line out/Mic in
Other	REMOTE	Support remote switching, integrated in the power supply part
	RESET	Support BIOS reset by long-pressing the power button when shutdown
	SIM	1x Nano SIM

Product Parameters		
Other	M.2	1x M.2 E-Key 2230, support Wi-Fi; 1x M.2 B-Key 3052, support 4G/5G
	USB2.0	2x USB2.0, Header
System	OS	Windows 10 IoT LTSC、Linux
Power supply	input voltage	24V DC IN, 4PIN Phoenix
	power	MAX 120W
Mechanical parameters	installation	Wall-mounted installation (rail optional)
	dimensions	236 x 165 x 63.5mm (LxWxH)
	net weight	2.2 kg
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

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Ordering information

Model	CPU	MEM	SSD	HDD	Expansion Module
HM512-S11XXX	I3-1115G4	8G/16G /32G	128G/256G/512G/1T	/	4G/WiFi
HM512-C11XXX	I5-1155G7	/8G*2 /16G*2	128G/256G/512G/1T	/	4G/WiFi/
HM512-M11XXX	I7-1165G7	/32G*2	128G/256G/512G/1T	/	4G/WiFi

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

*The packing list of this series of products includes: 1*HM512 industrial controller, 1*rail hanging kit, 1*back hanging kit, and 1*power Phoenix terminal.