KMX-304A-F312

海光 HG3490 Processor based Wall-Mounted Industrial PC



Features:

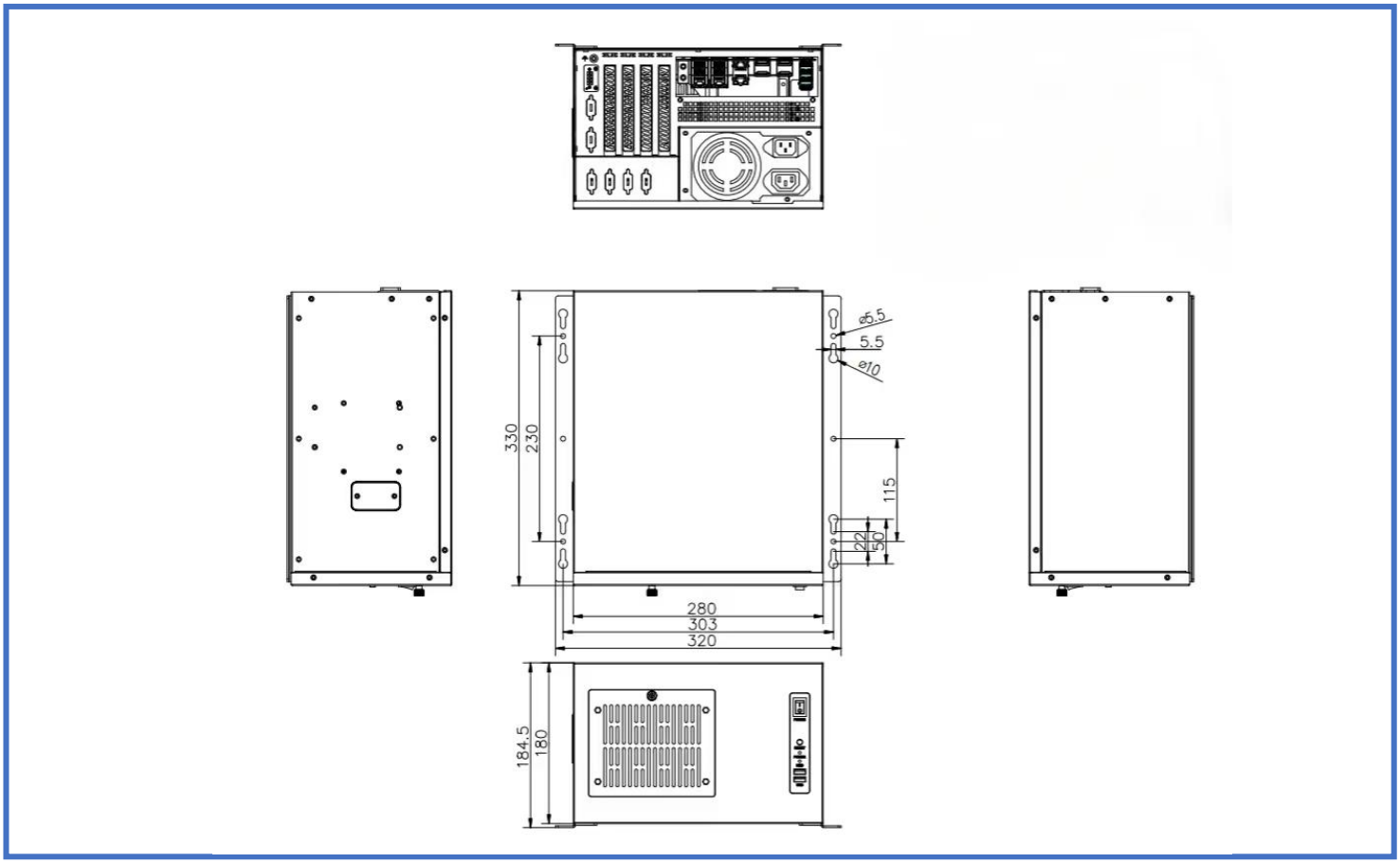
- HG3490 Processor
- Dual Channel UDIMM DDR5 up to 128GB
- 1x HDMI (Via Expansion GPU)
- 1x M.2_2280, supports NVMe/SATA SSD, 2x SATA3.0 for 2.5"/3.5" SSD/HDD
- 1x M.2_2242 slot for GPU/NVMe card
- 2x GbE LAN, 1x Mini PCIe slot for Wi-Fi/BT/4G
- 1x PCIe X16 slot, 2x PCIe X8 slot, 1x PCIe X4 slot
- 10x USB, 2x COM, 1x Line-out, 1x Mic-in
- Single AC 220V power input (AC 110V Optional)







Dimensions



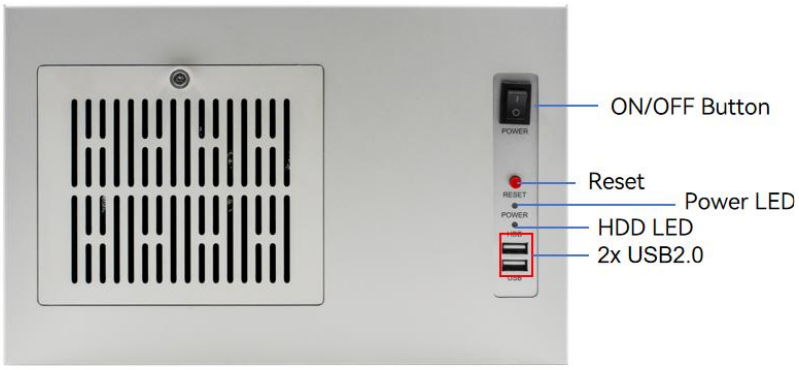
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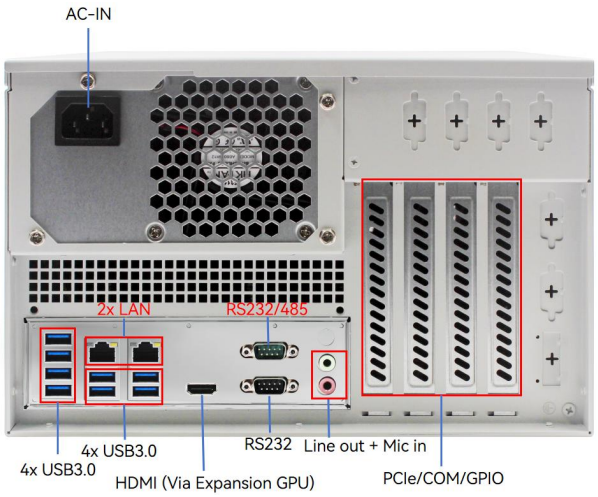
Specifications:

Processor System	CPU	HG3490
Memory	Technology	Dual channel DDR5 5200 MHz
	Max capacity	128GB
	Socket	4x UDIMM 288Pin
Graphics	Chipset	Expansion GPU, M.2 or PCIe slot
Ethernet	Controller	LAN 1: Intel® Ethernet I210AT or RTL8111H/YT6801 LAN 2: Intel® Ethernet I210AT or RTL8111H/YT6801
	Speed	LAN 1: 10/100/1000Mbps LAN 2: 10/100/1000Mbps
Expansion	Mini PCIe	1x Mini PCIe slot for Wi-Fi/BT/4G
	M.2 (M Key)	1x M.2 2242 slot for GPU
	PCIe x16 (Gen4)	1x FH/HL (X8/X16 Link)
	PCIe x8 (Gen4)	1x FH/HL (X8/NA Link)
	PCIe x8 (Gen3)	1x FH/HL (X4/X8 Link)
	PCIe x4 (Gen3)	1x FH/HL (X4/NA Link)
Storage	Drive Bay	2x SATA3.0 for 2x 2.5" SSD/HDD or 1x 2.5" SSD/HDD + 1x 3.5" SSD/HDD
	M.2 (M Key)	1x M.2_2280 slot for NVMe/SATA SSD
Rear I/O	Display	1x HDMI (Via Expansion GPU)
	RJ-45	2
	USB	8x USB 3.0
	Serial	1x RS232, 1x RS232/485
	Audio	Line_out, Mic_in
	Optional	6x RS232, 8bit GPIO, VGA
Front I/O	USB 2.0	2
	Control & LED Indicators	ON/OFF Button, Reset, Power LED, HDD LED
Power Requirement	Power Input Voltage	Single AC 220V power input (AC 110V Optional)
Environment	Operating Temp.	0 ~ 50℃ (32 ~ 122°F)
	Storage Temp.	-20℃ ~ 60℃ (-4°F ~ 140°F)
	Relative Humidity	10-95% @40℃ (non-condensing)
Other	OS	KylinOS, UOS, Linux, Windows
	Dimensions (W x H x D)	320 x 184.5 x 330 mm

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External I/O





Ordering Information:

Part Number	Product Name	Description
	KMX-304A-F312	KMX-304A OTM-F312 10USB 2LAN 2COM ATX

Packing List:

Part Number	Description
	1x KMX-304A-F312 Unit

Option Items:

Part Number	Description
	Wi-Fi Module
	COM port cable
	M.2 GPU card
	VGA cable