

HRC-SB-Q670D Series



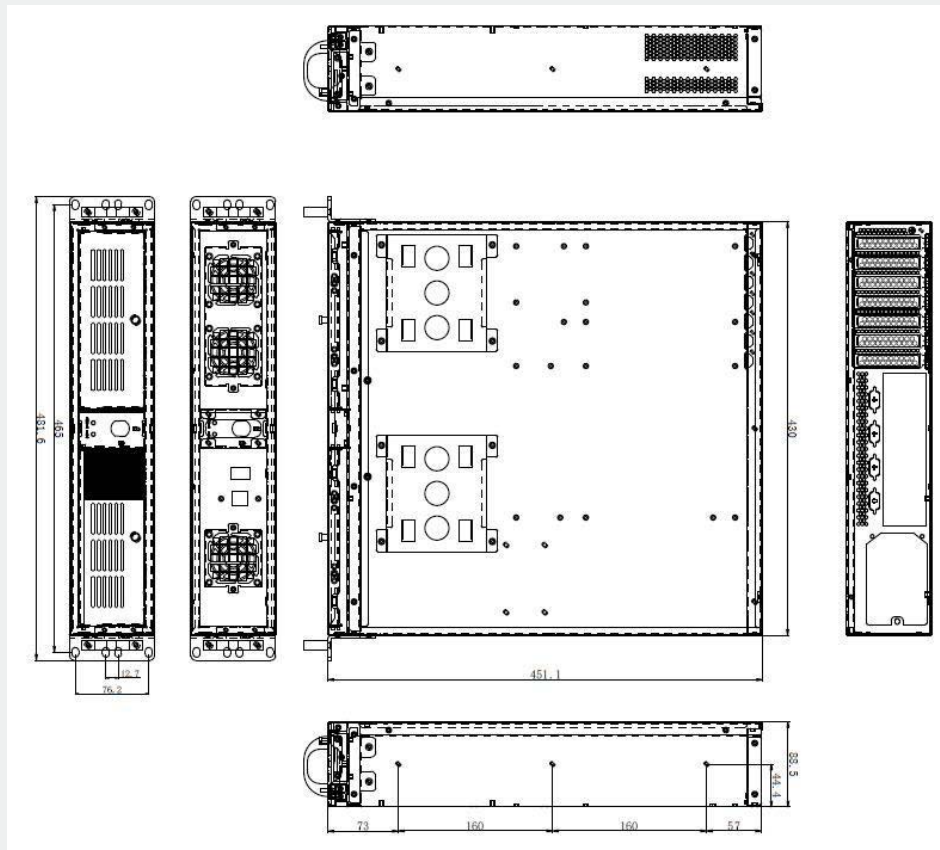
FEATURES

- Support Intel® 14th/13th/12th gen Core™ i9/i7/i5/i3 &Pentium®/Celeron® processor
- 4x DDR4 U-DIMM , Max.128GB
- 1x VGA, 1x HDMI, 1x DP
- 2x Intel Gigabit port (1x Intel® I219V & 1x Intel® I210AT)
- 6x USB 3.2, 6xUSB 2.0
- 6x COM (2x RS232/422/485, 2x RS232/485, 2x RS232)
- 2x PCIe x16, 3x PCIe x4, 2x PCI

Product Parameters		
System Parameters	CPU	Support Intel® 14th/13th/12th gen Core™ i9/i7/i5/i3 & Pentium®/Celeron® processor,TDP 125W
	Chipset	Q670
	BIOS	Insyde
	Memory	4x UDIMM DDR5, MAX128GB
	Storage	2 x M.2 M-Key 2242/2280, Support NVMe; 4 x SATA
External I/O	Display	1x HDMI, MAX 4K@60Hz; 1x DP, MAX 4K@60Hz; 1x VGA, MAX 1920 x 1200@60Hz
	LAN	1x LAN, Intel® I219V; 1x LAN, Intel® I210AT
	COM	2x RS-232/422/485
	USB	4x USB3.2; 2x USB2.0
	Audio	1x Line-in、1x Line-out、1x Mic-in
Internal Expansion	USB	4x USB2.0 , 2x USB3.2 ,Type-A

Product Parameters		
Internal Expansion	M.2	1x M.2 E-Key 2230 Slot for Wi-Fi 6E & BT 5.3, With PCIe 3.0 + USB 2.0 & CNVi Mode
	SIM	/
	PCIe	2x PCIe 4.0 X16 Slot (Support x8 mode) 2x PCIe 4.0 X4 Slot 1x PCIe 3.0 X4 Slot
	PCI	2x PCI
System	OS	Windows, Linux
Power Supply	Input voltage	220V AC IN, Three-hole pin plug
	Power supply	300/650/1000W, ATX
Mechanical parameters	Installation	rack-mounted industrial computer standard
	Dimension	88.5x 430 x451.1 mm (HxWxD)
	Net weight	5.4kg
Environmental parameters	Operating temperature	0~60°C, With 0.7ms airflow
	Storage temperature	-40°C ~85°C, 60°C @ 95% (non-condensing)
	Relative humidity	10 ~ 95% @ 40°C (non-condensing)
	EMC	CE、FCC

HRC-SB-Q670D



Ordering information

Model	CPU	MEM	SSD(M.2)	SSD(2.5")	HDD(3.5")	Expansion Module
HRC-SB-Q670D	I3-12100	8G/16G /32G	128G/256G/512G/1T	512G/1T/2T/4T		4G/WiFi
	I5-12400	/8G*2	128G/256G/512G/1T	512G/1T/2T/4T	1T/2T/4T	4G/WiFi
	I7-12700	/16G*2 /32G*2	128G/256G/512G/1T	512G/1T/2T/4T	/8T/10T/12T /16T/18T/20T	4G/WiFi
	I7-12700K	/8G*4 /16G*4	128G/256G/512G/1T	512G/1T/2T/4T	/22T/24T	4G/WiFi
	I9-12900K	/32G*4	128G/256G/512G/1T	512G/1T/2T/4T		4G/WiFi

*HRC-S series rack-mounted industrial computer, CPU/MEM/SSD/HDD and other accessories can be optional as required.

Supporting Motherboards

HRC-SB-H470	HRC-SB-Q270	HRC-SB-W480	HRC-SB-Z390
HRC-SB-H610D	HRC-SB-Q670	HRC-SB-W680	
	HRC-SB-Q670D	HRC-SB-W680D	
	HRC-SB-Q670DB		

*HRC-SB series share the same parameters with HRC-UA series using the same motherboards. And HRC-SB series can not fit in the standard full-size graphics card.