

6U Standard Server Chassis Specification

1. Product Type

6U rack server chassis

2. Product Introduction

The 6U server chassis is mainly designed based on standard 6U server and can be assembled into general computing servers, storage servers and more.

3. Product Features

- ◆ Flexible motherboard collocation
- ◆ Excellent heat dissipation performance
- ◆ High-speed transmission backplane

4. Product Pictures



(Product Front View)



(Product Rear View)

(The product pictures are for reference only, please refer to the actual product)

5. Product Parameters

Product series	RMC6148-695-HSE	RMC6160-695-HSE
Product type	6U 48 bays	6U 60 bays
Size	695x433x265.4mm (D*W*H)	
Motherboard version	EEB(12*13)/CEB(12*10.5)/ATX(12*9.5)/Micro ATX	
External hard drive	48 hot-swap 3.5/2.5-inch SAS/SATA hard drive bays, built-in support for 2* 2.5-inch SATA hard drive bays, optional rear 2* 2.5-inch SAS/SATA/U.2 hard drive bays	60 hot-swap 3.5/2.5-inch SAS/SATA hard drive bays, built-in support for 2* 2.5-inch SATA hard drive bays, optional rear 2* 2.5-inch SAS/SATA/U.2 hard drive bays
SGPIO	Support	
External port	Front: 2 USB 3.0, 1 power button, 1 restart button, 1 hard disk indicator, 1 system fault indicator, 2 network indicators	
Fan	Standard 12* 8038 hot-swap fans	
PCIe expansion form	7* PCIe full-height slot	7* PCIe half-height slots
Power supply	1+1 redundant power	
Slide rail fixed	Support	
Product material	Imported SGCC (galvanized steel sheet)	
Certification	FCC, CE	

RoHS	RoHS2.0
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6. Ordering Information

Type	PN	Type No.	Description
Chassis	0.31.006.0041	RMC6148-695-HSE	6U standard server chassis, expandable to 48 bays.
Chassis	0.31.006.0042	RMC61 60-695-HSE	6U standard server chassis, expandable to 60 bays.
Optional Accessories			
Motherboard	1.21.222.0309	G2DA-B	Gooxi dual-socket Purley standard ATX motherboard, 8* DIMMs.
Motherboard	1.21.222.0306	G2DE-B	Gooxi dual-socket Purley standard E-ATX motherboard, 16* DIMMs.
Motherboard	1.21.222.0380	G3DE-B	Gooxi dual-socket Whitley E-ATX motherboard, 16* DIMMs, 10* PCies, GEN4.
Motherboard	1.21.223.0380	G3DE-B	Gooxi dual-socket Whitley E-ATX motherboard, 16* DIMMs, 10* PCies, GEN3.
Motherboard	1.21.222.0368	G2DERO-B	Gooxi dual-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCies, GEN4.
Motherboard	1.21.223.0368	G2DERO-B	Gooxi dual-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCies, GEN3.
Motherboard	1.21.222.0369	G2SERO-B	Gooxi single-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCies, GEN4.
Motherboard	1.21.223.0369	G2SERO-B	Gooxi single-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCies, GEN3.
IO baffle assembly	4.02.003.0021	MD-G2DA-IO	G2DA-B motherboard 2U~4U chassis IO baffle.
IO baffle assembly	4.02.003.0044	MD-G2DE-IO	G2DE-B/BF motherboard 2U~4U chassis IO baffle.
IO baffle assembly	4.02.003.0048	MD-G2DERO-IO	G2DERO-B/G2SERO-B/G3DE-B motherboard 2U~4U chassis IO baffle.
High-speed cable	3.05.192.0011	8643-8643RA-620	SFF8643 to SFF8643 high-speed cable, one end is bent at 90 degrees, and the length is 620mm..
High-speed cable	3.05.193.0078	8087-8643RA-620	SFF8087 to SFF8643 high-speed line, 90 degree bent SFF8643 output port, length 620mm.
High-speed cable	3.05.193.0079	4SATA-8643RA-50 0-8PHSG	4 SATA input ports, 90 degree bent SFF8643 output port, length 500mm.
High-speed cable	3.05.193.0009	SATA-SATA-550-R	SATA to SATA cable, length 550mm.
High-speed cable	3.05.192.0159	CH-8643R-4SATA-L650	8643-4SATA positive cable, the cable length is 650mm.
Rear hard	4.00.101.0002	RMC3116-670-DM	Including SATA/SAS backplane and 2.5-inch

disk module			hard disk box, power cable excluding SATA cable. (RMC6148)
Rear hard disk module	4.00.101.0003	RMC2112-670-DM	Includes SATA/SAS backplane and 2.5-inch hard drive box, excluding power cord and SATA cable. (RMC6160)
Power cord	3.05.193.0215	A2543HC-A2543HC	1* D type 4PIN to 2* 5PIN, 2.5-inch SATA/SAS hard disk module power cord, length 100mm .
Rear NVMe hard disk module	4.00.101.0015	RMC4124-670-DM-NV	Includes NV backplane, 2.5-inch hard disk box, high-speed cables, and power cord. (RMC6148)
Rear NVMe hard disk module	4.00.101.0012	RMC2112-675-DM-NV	Includes backplane, 2.5-inch hard drive box, high-speed cables, and power cables. (RMC6160)
Retimer card (half-height bracket)	4.00.312.0081	G0832RT-16X VER.A (half-height bracket)	PCIe3.0 Retimer card x16 transfers out 2 SFF 8654 ports. (RMC6160)
Retimer card (full-height bracket)	4.00.312.0080	G0832RT-16X VER.A (full-height bracket)	PCIe3.0 Retimer card x16 transfers out 2 SFF 8654 ports. (RMC6160)
Power box	3.03.156.0018	GC2200PC-L265A	Gooxi 2200W redundant power supply frame, 265mm length, 14 large 4PINs (6 groups of 1-in-2 large 4Pin, 2 groups of 1-out-1 large 4Pin).
Power module	3.03.153.0054	GC2200PMP	Gooxi 2200W CRPS power module.
HBA card	4.00.104.0005	G3008H-PK	G3008H adopts LSI SAS3008 chip, onboard 2 SFF8643 12Gbps high-speed connectors, supports Raid0, 1, 1E and 10, PCIe3.0* 8.
Network card	4.00.104.0013	G82599-PK	G82599 dual-port 10Gigabit fiber optic network card, using Intel 82599 chip, onboard 2 optical ports, speed 10000Mbps, PCIe2.0* 8.
Network card	4.00.104.0008	G710-PK	G710L adopts Intel XL710 chip, with 4 optical ports onboard, speed 10000Mbps, OCP3.0* 8.