

Specification of 2U Standard Chassis

1. Product Type

2U rack server chassis

2. Product Introduction

Gooxi 5th generation 2U server chassis is mainly designed based on standard 2U server and can be assembled into general computing servers, storage servers, database servers, HPC servers and more.

3. Product Features

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

4. Product Pictures



Front View of RMC2108-695-HS



Front View of RMC2112-695-HS/HSE



Front View of RMC2125-695-HS



Rear View of 2U Chassis

Note: Product pictures are for reference only, please refer to the actual product

5. Product Parameters

Product series	RMC2108-695-HS (-CD)	RMC2112-695-HS/HSE	RMC2125-695-HSE
Product type	2U 8-bay rack server chassis	2U 12-bay rack server chassis	2U 25-bay rack server chassis
Size	695*433*87.6mm(D*W*H)		
Motherboard version	EEB(12*13)/CEB(12*10.5)/ATX(12*9.5)/Micro ATX		
External hard drive	• Front: 8* hot-swap 3.5/2.5-inch SAS/SATA hard drives; • Built-in 2* 2.5-inch SATA hard drives; • Rear optional: 2* 2.5-inch SAS/SATA or U.2 hard drives	• Front 12* hot-swap 3.5/2.5-inch SAS/SATA hard drives; • Rear optional 2* 2.5-inch SAS/SATA or U.2 hard drives	• Front 25* hot-swap 2.5-inch SAS/SATA hard drives; • Rear optional: 2* 2.5-inch SAS/SATA or U.2 hard drives
SGPIO	Support		
External port	Front: 2 USB3.0, 1 restart button, 1 hard disk indicator, 1 system fault indicator, 2 network indicators		
PCIe expansion form	Support vertical insertion 7* PCIe half-height slots, optional widthways 3* PCIe full-height slots		
Power supply	Single power or 1+1 redundant power		
Fan	Standard 3* 8038 hot-swap fans, support up to 4* 8038 hot-swap fans, optional 8056 hot-swap fans		Standard 4* 8038 hot-swap fans (optional 8056 hot-swap fans)
Slide rail fixed	Support		
Product material	Imported SGCC (galvanized steel sheet)		
Certification	FCC, CE		
RoHS	RoHS2.0		

6. Ordering Information

Type	PN	Type No.	Description
Chassis	0.31.002.0028	RMC2108-695-HS	2U standard server chassis, directly connected to 8 bays.
Chassis	0.31.002.0029	RMC2108-695-HS-CD	2U standard server chassis, directly connected to 8 bays, supports front optical drive.
Chassis	0.31.002.0030	RMC2112-695-HS	2U standard server chassis, directly connected to 12 bays.
Chassis	0.31.002.0031	RMC2112-695-HSE	2U standard server chassis, expandable to 12 bays.
Chassis	0.31.002.0032	RMC2125-695-HSE	2U standard server chassis, expandable to 25 bays.
Optional Accessories			
Motherboard	1.21.222.0309	G2DA-B	Gooxi dual-socket Purley standard ATX motherboard, 8DIMM, IO blank PN: 4.02.003.0021.
Motherboard	1.21.222.0306	G2DE-B	Gooxi dual-socket Purley standard E-ATX motherboard, 16DIMM, IO block PN: 4.02.003.0044.

Motherboard	1.21.222.0380	G3DE-B	Gooxi dual-socket Whitley E-ATX motherboard, 16DIMM, 10*PCIe (3 GEN4 SLOTS, 7 GEN3 SLOTS), IO block PN: 4.02.003.0048.
Motherboard	1.21.223.0380	G3DE-B	Gooxi dual-socket Whitley E-ATX motherboard, 16DIMM, 10*PCIe (10 GEN3 SLOT), IO block PN: 4.02.003.0048.
Motherboard	1.21.222.0368	G2DERO-B	Gooxi dual-socket Naples/Rome/Milan E-ATX motherboard, 16DIMM, 10*PCIe (7 GEN4 SLOTS, 3 GEN3 SLOTS), IO block PN: 4.02.003.0048.
Motherboard	1.21.223.0368	G2DERO-B	Gooxi dual-socket Naples/Rome/Milan E-ATX motherboard, 16DIMM, 10*PCIe (10 GEN3 SLOTS), IO block PN: 4.02.003.0048.
Motherboard	1.21.222.0369	G2SERO-B	Gooxi single-socket Naples/Rome/Milan E-ATX motherboard, 16DIMM, 10*PCIe (6 GEN4 SLOTS, 4 GEN3 SLOTS), IO block PN: 4.02.003.0048.
Motherboard	1.21.223.0369 —	G2SERO-B	Gooxi single-socket Naples/Rome/Milan E-ATX motherboard, 16DIMM, 10*PCIe (10 GEN3 SLOTS), IO block PN: 4.02.003.0048.
High-speed cable	3.05.192.0011	8643-8643RA-620	SFF8643 to SFF8643 high-speed cable, one end of the 8643 port is bent at a right angle, and the length is 620mm.
High-speed cable	3.05.193.0078	8087-8643RA-620	SFF8087 to SFF8643 high-speed cable, the 8643 port is bent at a right angle, and the length is 620mm.
High-speed cable	3.05.193.0079	4SATA-8643RA-500-8PH SG	4 SATA to SFF8643 high-speed cables, 8643 ports are bent at right angles, 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 forward cable, one end of the 8643 port is bent at a right angle, and the cable length is 650mm.
Horizontal rear window	4.02.003.0003	ZA-2024-660-07-HZ	Supports 3 horizontal full-height and single-width slot rear windows.
PCIe expansion module	4.00.312.0140	RM2108-695-PCIE1-M	Support 1 PCIe3.0x16 horizontal to PCIe3.0x16.
Rear hard disk module	4.00.101.0003	RMC2112-670-DM	Including SATA/SAS backplane, 2.5-inch hard disk bay and power cord, excluding SATA cable.
Power cable	3.05.193.0215	A2543HC-A2543HC	1*D-type 4PIN to 2* 5PIN, 2.5-inch SATA/SAS hard disk module power cable, length 100mm.
Rear NVMe hard disk module	4.00.101.0012	RMC2112-675-DM-NV	Supports 2 U.2 hard disks, including backplane, 2.5-inch hard disk box, high-speed cable, and power supply cable.
Retimer card (half-height baffle)	4.00.312.0081	G0832RT-16X VER.A (half-height baffle)	The PCIe3.0 Retimer card x16 has 2 SFF 8654 interfaces.
Guide rail	1.09.002.0001	C2907-664-3	Supports fifth-generation standard chassis
Fan module	4.00.370.0019	SL201-FM4	Gooxi 8038 temperature-controlled fan module, maximum speed 15500RPM±10%, 6PIN terminal, 70mm±10mm cable length.

Single power supply	3.03.153.0008	Delta DPS-500YB	Delta 500W single battery.
Single power supply	3.03.153.0007	FSP250-60WS1	FSP 250W single power supply.
Redundant module	4.00.100.0004	DPS-550AB-11-129D	Delta 2 U 550W redundant power supply.
Redundant module	4.00.100.0005	DPS-800AB-16-129D	Delta 2 U 80 0W redundant power supply.
Redundant module	4.00.100.0022	GC550PRB-G	Gooxi 550W redundant power supply.
Redundant module	4.00.100.0018	GC800PRB-G	Gooxi 80 0W redundant power supply.
Redundant module	4.00.100.0019	GC1300PRB-G	Gooxi 130 0W redundant power supply.
Redundant module	4.00.100.0031	GC1600PRB-G	Gooxi 160 0W redundant power supply.
Redundant module	4.00.100.0034	GC2200PRBA-G	Gooxi 2200W GPU model redundant power supply supports 8 PCIe 8PIN.
Redundant module	4.00.100.0035	GC2200PRBB-G	Gooxi 2200W storage model redundant power supply supports 14 D-type 4PINs.
HBA card	4.00.104.0005	G3008H-PK	LSI SAS3008 chip, with 2 SFF8643 high-speed connectors on board, supports Raid0, 1, 1E and 10.
Network card	4.00.104.0013	G82599-PK	Dual-port 10G fiber-optic network card, using Intel 82599 chip.
Network card	4.00.104.0008	G710-PK	Adopts Intel XL710 chip and has 4* 10G optical ports on board.
RAID card	3.03.252.0007	LSI 9361-8i (1GB cache)	LSI MegaRAID SAS 9361-8i (1GB cache) RAID card, onboard 2 SFF8643 high-speed connectors, support RAID, RAID level 0/1/5/6/10/50/60.
RAID card	3.03.252.0003	LSI 9361-8i (2GB cache)	LSI MegaRAID SAS 9361-8i (2 GB cache) RAID card, onboard 2 SFF8643 high-speed connectors, support RAID, RAID level 0/1/5/6/10/50/60.

(The final interpretation right belongs to Gooxi)