

4U Standard Server Chassis Specification

1. Product Type

4U Rack Server Chassis

2. Product Introduction

Gooxi fourth-generation 4U server chassis mainly designed based on standard 4U servers, and can be assembled into general computing servers, storage servers, database servers, HPC servers and more.

3. Product Features

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

4. Product Pictures



Product Front View



Product Rear Views

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

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5. Product Parameters

Product series	RMC4124-670-HS/HSE		RMC4136-670-HSE	
Product type	4U 24 Bays		4U 36 Bays	
Size	670*433*177mm (D*W*H)			
Motherboard version	EEB(12*13)/ CEB(12*10.5)/ ATX(12*9.5)/ Micro ATX			
External hard drive	• Front 24 hot-swap 3.5/2.5-inch SAS/SATA hard drive bays; • Built-in 2* 2.5-inch SATA hard drive bays; • Rear optional 2* 2.5-inch SAS/SATA hard drive bays		• 36 hot-swap 3.5/2.5-inch SAS/SATA hard drive bays; • Built-in 2* 2.5-inch SATA hard drive bays; • Rear optional 2* 2.5-inch SAS/SATA hard drive bays	
SGPIO	Support			
External port	Front: 2* USB 2.0, 1* power button, 1* restart button, 1* hard disk indicator, 1* system fault indicator, 2* network indicators			
Fan	Standard 3* 12038 hot-swap fans		Standard 8* 8038 hot-swap fans	
PCIe expansion form	Supports 7* PCIe full-height slots		Support 7* PCIe half-height slots	
Power supply	Support single power supply or 1+1 redundant power supply			
Slide rail fixed	Support			
Product material	Imported SGCC (galvanized steel sheet), ABS panel and perforated mesh			
Certification	FCC, CE			
RoHS	RoHS 2.0			

6. Ordering Information

Type	PN	Model	Description
Chassis	0.31.004.0009	RMC4124-670-HS	4U standard server chassis, directly connected to 24 bays
Chassis	0.31.004.0010	RMC4124-670-HSE	4U standard server chassis expandable to 24 bays
Chassis	0.31.004.0011	RMC4136-670-HSE	4U standard server chassis with expanding 36 bays

Optional Accessories for Ordering

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* PCIs, GEN4
Motherboard	1.21.223.0380	G3DE-B	Gooxi dual-socket Whitley E-ATX motherboard, 16* DIMMs, 10* PCIs, GEN3
Motherboard	1.21.222.0368	G2DERO-B	Gooxi dual-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCIs, GEN4
Motherboard	1.21.223.0368	G2DERO-B	Gooxi dual-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCIs, GEN3.
Motherboard	1.21.222.0369	G2SERO-B	Gooxi single-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCIs, GEN4.
Motherboard	1.21.223.0369	G2SERO-B	Gooxi single-socket Milan E-ATX motherboard, 16* DIMMs, 10* PCIs, GEN3.

IO block assembly	4.02.003.0021	MD-G2DA-IO	G2DA-B motherboard 2U~4U chassis IO baffle
IO block assembly	4.02.003.0044	MD-G2DE-IO	G2DE-B/BF motherboard 2U~4U chassis IO baffle
IO block 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 cable, 90 degree bent SFF8643 output port, length 620mm
High-speed cable	3.05.193.0079	4SATA-8643RA-500-8PHSG	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, cable length 650mm
Rear hard disk module	4.00.101.0002	RMC3116-670-DM	Including SATA/SAS backplane and 2.5-inch hard disk box, power cable excludes SATA cable (RMC4124)
Rear hard disk module	4.00.101.0003	RMC2112-670-DM	Including SATA/SAS backplane and 2.5-inch hard drive box, excluding power cord and SATA cable (RMC4136)
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 cable, and power cables (RMC4124)
Rear NVMe hard disk module	4.00.101.0012	RMC2112-675-DM-NV	Includes backplane, 2.5-inch hard drive box, high-speed cable, and power cable (RMC4136)
Retimer card (half-height bracket)	4.00.312.0081	G0832RT-16X VER.A (half-height bracket)	PCIe3.0 Retimer card x16 transfer out 2 SFF 8654 ports (RMC4136)
Retimer card (full-height bracket)	4.00.312.0080	G0832RT-16X VER.A (full-height bracket)	PCIe3.0 Retimer card x16 transfer out 2 SFF 8654 ports (RMC4136)
Guide rail	1.09.002.0001	C2907-648-3	Supports fourth-generation standard chassis.