

Specification of Gooxi 3U Standard Server Chassis

1. Product Type

3U rack server chassis

2. Product Introduction

Gooxi fourth-generation 3U server chassis, mainly designed based on standard 3U server, can be assembled into general computing servers, storage servers, database servers, HPC servers, etc.

3. Product Features

- ◆ Flexible motherboard collocation
- ◆ Excellent heat-dissipation performance
- ◆ 12Gb/s high-speed transmission backplane

4. Product Pictures



Front View of RMC3116-670-HS/HSE



Rear View of RMC3116-670-HS/HSE

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

5. Product Parameters

Product series	RMC3116-670-HS/HSE
Product type	3U 16-bay rack server chassis
Size	670*444*132mm (D*W*H)
Motherboard version	EEB(12*13)/CEB(12*10.5)/ATX(12*9.5)/Micro ATX
External hard drive	• Front: 16 hot-swap 3.5 or 2.5-inch SAS/SATA hard drives; • Built-in 2* 2.5-inch SATA hard drives; • Optional rear support for 2* 2.5-inch SAS/ SATA / U.2 hard drives
SGPIO	Support
External port	2 USB 2.0, 1 power button, 1 restart button, 1 hard disk indicator, 1 system fault indicator, 2 network indicators
PCIe expansion form	Support 7* PCIe full-height slots
Power supply	Single power or 1+1 redundant power supply
Fan	Standard 3* 12038 hot-swap fans
Rail fixed	Support
Product material	Imported SGCC (Galvanized steel sheet)
Certification	FCC, CE
RoHS	RoHS2.0

6. Ordering Information

Type	PN	Model	Description
Chassis	0.31.003.0007	RMC3116-670-HS	3U standard server chassis, directly connected to 16 bays.
Chassis	0.31.003.0008	RMC3116-670-HSE	3U standard server chassis, expandable to 16 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-500-8P HSG	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 650 mm.
Rear hard disk module	4.00.101.0002	RMC3116-670-DM	Including SATA/SAS backplane and 2.5-inch hard drive box, power cord excluding Sata cable.
Rear NVMe hard disk module	4.00.101.0015	RMC4124-670-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 (full-height baffle)	4.00.312.0080	G0832RT-16X VER.A (full-height baffle)	The PCIe3.0 Retimer card x16 has 2 SFF 8654 interfaces.
Guide rail	1.09.002.0001	C2907-648-3	Supports fourth-generation standard chassis.
Redundant module	4.00.100.0004	DPS-550AB-11-129D	Delta 2U 550W redundant power supply.
Redundant module	4.00.100.0005	DPS-800AB-16-129D	Delta 2U 800W 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 800W redundant power supply.
Redundant module	4.00.100.0019	GC1300PRB-G	Gooxi 1300W redundant power supply.
Redundant module	4.00.100.0031	GC1600PRB-G	Gooxi 1600W redundant power supply.

Redundant module	4.00.100.0034	GC2200PRB A-G	Gooxi 2200W GPU model redundant power supply supports 8 PCIe 8PIN.
Redundant module	4.00.100.0035	GC2200PRB B-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	Using Intel 82599 chip, dual-port 10 Gigabit fiber optic network card.
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)