

Specification of Gooxi Whitley 2U Dual-Socket Edge Server

1. Product Type

2U rack server

2. Product Introduction

Gooxi Whitley platform edge server, 2U chassis height, depth of only 450mm. Easy to deploy, easy to mount on the shelf, in line with the latest OTII standard. It can be used in 5G edge computer room. The chassis can support up to 6* 2.5-inch hot-swap hard drives. 3 small backplanes with optional SATA/SAS/NVMe storage protocol, flexible backplanes, making the storage methods more diverse.

3. Product Features

- ◆ 1 or 2 Gen3 Intel® Xeon® Scalable processors
- ◆ 16 DDR4 memory slots, memory frequency supports 2666/2933/3200MHz
- ◆ 6* 2.5" SATA/SAS/NVMe hard drives
- ◆ Up to 10 PCIe high-speed expansion slots, providing rich expansion performance

4. Product Pictures



Product Front View

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

5. Product Parameters

Product series	MSY201-D06R-G3
Product type	2U 6-bay rack server

Size	450*433*87.5mm (D*W*H)
Processor	Supports 1 or 2 third Generation Intel® Xeon® Scalable processors
Memory	16 DDR4 memory slots, support DDR4 2666/2933/3200MHz LRDIMM/RDIMM memory
Internal storage interface	1 M.2 (PCIe3.0 x4) port, 3 MiniSAS HD ports, 2 SATA DOM ports
External hard drive	Front: 6* 2.5" SATA/SAS/NVMe hard disks <i>Note: To support NVMe hard disks, an optional expansion hard disk module is required</i>
External port & button	Front: 1 switch button, 1 restart button, 1 hard disk indicator, 1 system fault indicator, 2 network indicators Rear: 1 VGA, 2 USB3.0, 1 management network port, 2* RJ45 Gigabit LAN ports, 1 COM port
PCIe expansion	Supports 6 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot), 1 half-height PCIe 3.0x16 and 3 half-height PCIe 4.0x16; Optional 4 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot), 2 half-height PCIe 3.0x16, and 3 half-height PCIe 4.0x16
Fan	Standard 4* 8038 hot-swap fans
Power supply	Standard 800W 1+1 redundant power supply, optional 1300W, 1600W, 2200W 1+1 redundant power (adapt according to the actual power)
Safety	TPM module
IPMI compliant	IPMI2.0
RoHS	RoHS2.0
Operating temp & humidity	Temperature 5°C~35°C/ humidity 20%~80%RH non-condensing
Storage temp & humidity	Short-term storage (≤72H): temperature-40°C~70°C/ humidity 20%~90%RH non-condensing (including packaging) Long-term storage (>72H): temperature 20°C~28°C/ humidity 30%~70% RH non-condensing (including packaging)

6. Ordering Information

Type	PN	Model	Description
Barebones	0.21.002.0025	MSY201-D06R-G3	Gooxi Whitley platform, 2U 6-bay edge server (10PCIe), SATA/SAS direct connection version, standard 800W 1+1 redundant power supply.
Optional Accessories			
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, 8643 port bent at right angle, length 620mm.

High-speed cable	3.05.193.0079	4SATA-8643RA-500-8PHSG	4 SATA to SFF8643 high-speed cables, the 8643 port is bent at a right angle, and the length is 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-L 650	8643-4SATA positive cable, one end of the 8643 port is bent at a right angle, the cable length is 650mm.
Rear hard disk module	4.00.101.0016	RMC2112-450-DM	Including SATA/SAS backplane and 2.5-inch hard drive enclosure, power cable and Sata cable.
Redundant power module	4.00.100.0004	DPS-550AB-11-129D	Delta 2U 550W redundant power supply.
Redundant power module	4.00.100.0005	DPS-800AB-16-129D	Delta 2U 800W redundant power supply.
Redundant power module	4.00.100.0022	GC550PRB-G	Gooxi 550W redundant power supply.
Redundant power module	4.00.100.0018	GC800PRB-G	Gooxi 800W redundant power supply.
Redundant power module	4.00.100.0019	GC1300PRB-G	Gooxi 1300W redundant power supply.
Redundant power module	4.00.100.0031	GC1600PRB-G	Gooxi 1600W redundant power supply.
Redundant power module	4.00.100.0034	GC2200PRBA-G	Gooxi 2200W GPU model with redundant power supply, supports 8 PCIe 8PIN.
HBA card	4.00.104.0005	G3008H-PK	LSI SAS3008 chip, onboard 2 SFF8643 high-speed connectors, support 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	Using Intel XL710 chip, onboard 4 10G optical ports.
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.

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