Gooxi Whitley Dual-socket GPU Server Specifications

I Product Type

4U Rackmount Server

II Introduction

Gooxi Whitley Dual-Socket 4*4090 Graphics Card Server supports 1/2 third-generation Intel® Xeon® Scalable processors, 16 DDR4 memory slots, integrates 1 M.2 interface, 2 Gigabit Ethernet ports, 1 RJ45 management port, and 10 PCIe expansion slots. It can accommodate 4 double-width, full-length, and full -height 4090 graphics cards and is suitable for various application scenarios, including cloud gaming, image rendering, artificial intelligence, virtualization, cloud computing, and big data analytics.

III Features

◆ Supports 1/2 third-generation Intel® Xeon® Scalable processors, with a maximum TDP of 205W

◆ Supports 10 high-speed PCIe expansion slots, providing extensive expansion capabilities

◆ Supports 4 double-width, high-performance 4090 GPU cards with full height, meeting high computational power requirements

◆ Supports 16 DDR4 memory slots, with memory frequencies of 2666/2933/3200MHz

IV Pictures

Product front view

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

V Specifications

Product Series	AS4104G-D12R-G3
Product Type	4U 12-bay rackmount server
System Size	695mm*433 mm*176.5mm (depth*width*height)
Processor	Supports 1/2 3rd Generation Intel® Xeon® Scalable series processors with a maximum TDP of 205W
Memory	16 DDR4 memory slots, support DDR4 2666/2933/3200 MHz LRDIMM/RDIMM memory
Internal Storage Interface	1 M.2 (PCIe 3.0 x 4) interface, 3 MiniSAS HD interface, 2 SATA DOM interface
External Hard Drive	12 hot-swappable 3.5/2.5-inch SAS/SATA hard drives in the front
External Ports	Front: 2 USB 3.0
	Rear: 1 VGA, 1 COM port, 2 USB 3.0, 1 management network port, 2 RJ45 network ports
PCIE Expansion	10 PCIe slots, supporting 4 double-width, full-length, and full-height 4090 graphics cards: Supports 6 PCIe 3.0 x8 (in a PCIe x16 slot), 1 PCIe 3.0 x16, and 3 PCIe 4.0 x16. Optional 4 PCIe 3.0 x8 (in a PCIe x16 slot), 2 PCIe 3.0 x16, and 3 PCIe 4.0 x16.
Safety	Supports TPM module
Power Supply	2600W hot-swappable redundant power supply
Fan	Standard 8 hot-swappable N+1 redundant fans (8038). Optional rear support for 2 temperature-controlled 8038 fans
IPMI	IPMI2.0
Management	1 dedicated RJ45 management port

Port	
Working Temperature& Humidity	Temperature 5℃~35℃/humidity 35%~80% RH non-condensing
Storage Temperature& Humidity	Short-term storage (≤72 hours): Temperature -40°C to 70°C / Humidity 20% to 90% RH (non-condensing, including packaging) Long-term storage (>72 hours): Temperature 20°C to 28°C / Humidity 30% to 70% RH (non-condensing, including packaging)

VI Order Info

Type	PN	Model	Description
Barebone	0.21.004.0042	AS4104G-D12R-G3	Gooxi dual-socket Whitley Platform 4U 12-bay, standard 4 * 4090 graphics card power cables, SATA3.0/SAS3.0 direct- attached backplane, standard 2600W 1+1 redundant power supply.
Optional Accessories			
PCIe Adapter Card	1.24.222.0372	RMC4124-PCIEIB (PCIe4.0)	Gooxi self-developed PCIe 4.0 x16 Riser Card
Rear Hard Drive Module	4.00.101.0002	RMC3116-670-DM	Gooxi 2U rear 2*2.5-inch hard drive module, includes backplane and 2.5-inch hard drive enclosure, does not include power cables and SATA cables
Rear Hard Drive Module	4.00.101.0015	RMC4124-670-DM - NV	Gooxi 2U rear 2*nvme hard drive module, includes backplane, 2.5-inch hard drive enclosure, and high-speed cables
Retimer Card	4.00.312.0080	G0832RT-16X (full-height bracket)	PCIe signal enhancement card, PCIe x16 to 2 SFF 8654 interfaces, includes full-height bracket
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, supports RAID, RAID levels 0/1/5/6/10/50/60
RAID Card	3.03.252.0003	LSI 9361-8i (2GB cache)	LSI MegaRAID SAS 9361-8i (2GB cache) RAID card, onboard 2 SFF8643 high-speed connectors, supports RAID, RAID levels 0/1/5/6/10/50/60
HBA Card	4.00.104.0005	G3008H-PK	LSI SAS3008 chip, onboard 2 SFF8643 high-speed connectors, supports RAID 0, 1, 1E, and 10
Network Card	4.00.104.0013	G82599-PK	Uses the Intel 82599 chip, a dual-port 10-gigabit fiber network card
Network Card	4.00.104.0008	G710-PK	Uses the Intel XL710 chip, onboard with 4 10-gigabit optical ports
Fan Module	4.00.370.0019	SL201-FM4	Gooxi 8038 temperature control fan module, max speed 15500RPM±10%, 6PIN terminals,

			70mm±10mm cable length
Slide Rail	4.00.312.0004	C2907-664-3	Gooxi self-developed series 1U/2U/3U server slide rail, travel range: 790mm (AS4104G-D12R-G3)
High-Speed Cable	3.05.192.0011	8643-8643RA-620	SFF8643 to SFF8643 high-speed cable, one end with an angled SFF8643 port, length 620mm
High-Speed Cable	3.05.193.0078	8087-8643RA-620	SFF8087 to SFF8643 high-speed cable, angled SFF8643 port, length 620mm
High-Speed Cable	3.05.193.0079	4SATA-8643RA-500-8PHSG	4 SATA to SFF8643 high-speed cables, angled SFF8643 port, length 500mm
High-Speed Cable	3.05.193.0009	SATA-SATA-550-R	SATA to SATA cable, length 550mm

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