

Gooxi Whitley 4U Dual-socket PCIe4.0 10-GPU Server Specifications

1. Product Type

4U rackmount server

2. Product Introduction

Gooxi Whitley 4 U dual-socket 10-GPU server supports 1/2 third-generation Intel® Xeon® Scalable series processors, 16 DIMM DDR4 memory slots, integrated 1 M.2 port, 2 Gigabit Ethernet ports, 1 RJ45 management network port, support 10 double-width full-height full-length GPU slots and 7 single-width half-height PCIe expansion slots, suitable for applications such as cloud computing, digital twin, training and inference, big data analytics, scientific computing, etc.

3. Product Features

- ◆ Supports 1/2 3rd Generation Intel® Xeon® Scalable series processors.
- ◆ Supports 7 single-width half-height PCIe expansion slots, providing rich expansion performance.
- ◆ Supports 10 full-height and double-width high-performance GPU cards to meet the needs of high computing power.
- ◆ Supports 16 DDR 4 memory slots, the memory frequency supports 2666/2933/3200 MHz.

4. Product Pictures



Front View of AS4110G-D04R-G3



Front View of AS4110G-D10R-G3



Product Rear View

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

5. Product Parameters

Product Series	AS4110G-D04R-G3	AS4110G-D10R-G3
Product Type	4U 4-bay 10-GPU rackmount server	4U 10-bay 10-GPU rackmount server
System Size	790mm*433 mm*176.5mm (depth*width*height)	
Processor	Supports 1/2 3rd Generation Intel® Xeon® Scalable series processors	
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	4 hot-swappable 3.5/2.5-inch SAS/SATA hard drives in the front, 2 standard 2.5-inch SAS/SATA hard drives in the rear (U.2 module is optional), optional rear 2 x 2.5" SAS/SATA or U.2 hard drive	10 hot-swappable 2.5-inch SAS/SATA hard drives in the front, 2 standard 2.5-inch SAS/SATA hard drives in the rear (U.2 module is optional), optional rear 2 x 2.5" SAS/SATA or U.2 hard drive
External Ports & Buttons	Front: 2 USB 2.0, 1 power button, 1 reset button, 1 hard drive indicator light, 1 system fault light, 2 network indicators	
	Rear: 1 VGA, 1 COM port, 2 USB 3.0, 1 management network port, 2 RJ45 network ports	
PCIe Expansion Specification	Front: support 10 double-width full-length full-height PCIe 4.0 expansion slots. Rear: Support 4 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot) and 3 half-height PCIe 4.0x16; Optional 2 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot), 1 half-height PCIe 3.0x16, and 3 half-height PCIe 4 0 x 16;	
Safety	Support TPM module	
Power Supply	1200W, 1300W, 1600W, 2000W, 2200W 3+1 redundant power supply (selected according to the actual power consumption of the whole machine power module)	
Fan	The center is equipped with standard 8*8038 hot-swappable fans. The rear is equipped with standard 3* 8038 hot-swappable fans.	
IPMI	IPMI 2.0	
Management Port	1 RJ45 management network port	
Working Temperature & Humidity	Temperature 5°C~35°C/humidity 20%~80% RH non-condensing	
Storage Temperature & Humidity	Short-term storage (≤72 H): temperature -40°C~70°C/humidity 20%~90%RH, non-condensing (including packaging) Long-term storage (>72 H): temperature 20°C~28°C/humidity 30%~70%RH, non-condensing (including packaging)	

6. Order Information

Type	PN	Model	Description
Barebone	0.21.004.0358	AS4110G-D04R-G3	Gooxi dual-socket Whitley platform 4U 4-bay 10-GPU server, SATA/SAS direct connection version, standard 4*2000W redundant power supply modules.

Barebone	0.21.004.0357	AS4110G-D10R-G3	Gooxi dual-socket Whitley platform 4U 10-bay 10-GPU server, SATA/SAS direct connection version, standard 4*2000W redundant power supply modules.
Optional Accessories			
High Speed Cable	3.05.192.0157	CH-8643-8643RA-L580	SFF8643 to SFF8643 High-Speed Cable, one end with an 8643 port, right-angle bend, length 620mm.
High Speed Cable	3.05.192.0158	CH-4SATA-8643-L580	SFF8087 to SFF8643 High-Speed Cable, 8643 port with a right-angle bend, length 620mm.
High Speed Cable	3.05.193.0009	SATA-SATA-550-R	4 SATA to SFF8643 High-Speed Cables, 8643 port with a right-angle bend, length 500mm.
High Speed Cable	3.05.192.0159	CH-8643R-4SATA-L650	SATA To SATA cable, length 550mm.
Rear Hard Drive Module	4.00.101.0003	RMC2112-670-DM	Includes SATA/SAS backplane, 2.5-inch hard drive bay, and power cable. SATA cable not included.
Rear NVMe Hard Drive Module	4.00.101.0012	RMC2112-675-DM-NV	Includes backplane, 2.5-inch hard drive bay, high-speed cables, and power cable.
Retimer Card	4.00.312.0081	G0832RT-16X (half-height bracket)	PCIe signal enhancement card, PCIe x16 to 2 SFF 8654 interfaces, including half-height bracket, used for connecting U.2 modules.
Slide Rail	1.09.002.0001	C2907-648-3	Supports fourth-generation standard chassis and GPU chassis.
Retimer Card	1.24.222.1002	RM4104G-RT4-16X/PS8926	PCIe 4.0 Retimer Card, PCIe x16 gold fingers to 2 Slimline x8 interfaces, used for connecting the motherboard to GPU expansion boards.
Power Module	3.03.153.0076	GC1200PMPA	Gooxi 1200W CRPS power module.
Power Module	3.03.153.0047	GC1300PMP	Gooxi 1300W CRPS power module.
Power Module	3.03.153.0053	GC1600PMP	Gooxi 1600W CRPS power module.
Power Module	3.03.153.0064	GC2000PMP	Gooxi 2000W CRPS power module.
Power Module	3.03.153.0054	GC2200PMP	Gooxi 2200W CRPS power module.
Power Module	3.03.153.1001	DPS-1600AB-13G	Delta 1600W CRPS module.
Power Module	3.03.153.0072	DPS-2100BBJ	Delta 2000W power module.
RAID Card	3.03.252.0007	LSI 9361-8i (1GB cache)	LSI MegaRAID SAS 9361-8i (1GB cache) RAID card, 2 SFF8643 high-speed connectors onboard, 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 (2GB cache) RAID card, 2 SFF8643 high-speed connectors onboard, support RAID, RAID level 0/1/5/6/10/50/60.
HBA Card	4.00.104.0005	G3008 H-PK	LSI SAS3008 chip, onboard 2 SFF8643 high-speed connector, supports Raid 0, 1, 1E and 10.

Network Card	4.00.104.0013 –	G82599-PK	Adopts Intel 82599 chip and dual-port 10 Gigabit fiber optic network card.
Network Card	4.00.104.0008 –	G710-PK	Adopts Intel XL710 chip and has 4*10 Gigabit optical ports onboard.

(The final interpretation right belongs to Gooxi)