

## Specification of Gooxi Whitley 4U Dual-Socket 10-GPU Server

### 1.Product Type

4U rack server

### 2.Product Introduction

Gooxi Whitley 4U dual-socket 10-GPU server, supports 1 or 2 third-generation Intel® Xeon® Scalable processors, 16 DIMM DDR4 memory slots, integrated 1 M.2 interface, 2 Gigabit Ethernet ports, 1 RJ45 management network port, supports 10 double-width, full-height, full-length GPU slots and 10 single-width, half-height PCIe expansion slots, which can be applied to big data analysis, 3D graphics applications, video decoding, deep learning, scientific computing and other applications.

### 3.Product Features

- ◆ 1 or 2 third-generation Intel® Xeon® Scalable processors.TDP up to 205 W
- ◆ 10 single-width, half-height PCIe expansion slots, providing rich expansion performance
- ◆ 10 full-height, double-width high-performance GPUs for the needs of high computing power
- ◆ 16 DDR4 memory slots, memory frequency support 2666/2933/3200MHz

### 4.Product pictures



Front View of AS4110G-D04R-G3



Front View of AS4110G-D10R-G3



Product Rear View

(The product pictures are for reference only, please refer to the real object)

**China-Leading Provider of Server Solutions**

## 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
Size	790mm*433mm*176.5mm (D*W*H)	
Processor	Support 1 or 2 third-generation Intel® Xeon® Scalable processors.TDP maximum 205W	
Memory	16 DDR4 memory slots, support DDR4 2666/2933/3200MHz LRDIMM/RDIMM memory	
Internal storage interface	1 M.2 (PCIe 3.0 x4) interface, 3 MiniSAS HD interfaces, 2 SATA DOM interfaces	
External hard drive	Front 4 hot-swap 3.5/2.5-inch SAS/SATA hard drive, rear 2* 2.5-inch SAS/SATA hard drives (U.2 module is optional), and rear optional 2* 2.5 inch SAS/SATA or U.2 hard drives are added	Front 10 hot-swap 2.5-inch SAS/SATA hard drive, rear 2* 2.5-inch SAS/SATA hard drives (U.2 module is optional), and rear optional 2* 2.5 inch SAS/SATA or U.2 hard drives are added
External port & button	Front : 2 USB2.0, 1 power button, 1 reset button, 1 hard disk indicator, 1 system fault light, 2 network indicators	
	Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 management network port, 2 RJ45 network ports	
PCIe expansion specification	Front: 10 double-width, full-length, full-height PCIe3.0 expansion slots; Rear: 4 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot) and 3 half-height PCIe 4.0x16; Optional support for 2 half-height PCIe 3.0x8 (in PCIe 3.0 x16 slot), 1 half-height PCIe 3.0x 16, and 3 half-height PCIe 4.0x16;	
Safety	TPM module	
Power supply	1200W, 1300W, 1600W, 2000W, 2200W 3+1 redundant power supply (select the power module according to the actual power consumption of the whole machine)	
Fan	The center is equipped with 8* 8038 hot-swap fans. The rear is equipped with 3* 8038 hot-swap fans	
IPMI	IPMI2.0	
Management port	1 RJ45 management network port	
RoHS	RoHS 2.0	
Operating temperature and humidity	Temperature 5°C~35°C/ humidity 20 %~80%RH non-condensing	
Storage temperature and 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
Barebone	0.21.004.0023	AS4110G-D04R-G3	Gooxi dual-socket Whitley platform 4U 4-bay 10-GPU model, SATA/SAS direct connection version, 4* 2200W redundant power modules.
Barebone	0.21.004.0022	AS4110G-D10R-G3	Gooxi dual-socket Whitley platform 4 U10-bay 10-GPU model, SATA/SAS direct connection version, 4* 2200W redundant power modules.
<b>Optional Accessories</b>			
High-speed cable	3.05.192.0157	CH-8643-8643RA-L580	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	3.05.192.0158	CH-4SATA-8643-L580	SFF8087 to SFF8643 high-speed cable, the 8643 port is bent at a right angle, and the length is 620mm.
High-speed cable	3.05.193.0009	SATA-SATA-550-R	4 SATA to SFF8643 high-speed cables, the 8643 port bent at right angle, and the length is 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	Including SATA/SAS backplane, 2.5-inch hard drive bay and power cord, excluding SATA cable.
Rear NVMe hard drive module	4.00.101.0012	RMC2112-675-DM-NV	Including the backplane, 2.5-inch hard drive box, high-speed cable, and power supply cables.
Retimer card	4.00.312.0081	G0832RT-16X (half-height baffle)	PCIe signal enhancement card, PCIe x16 to 2 SFF 8654 interfaces, including half-height baffle
Guide rail	1.09.002.0001	C2907-648-3	Supports fourth-generation standard chassis and GPU chassis.
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	3.03.153.0033	R1CA2122A	1200W CRPS module
Power module	3.03.153.1001	DPS-1600AB-13G	1600W CRPS module
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.
HBA card	4.00.104.0005	G3008H-PK	LSI SAS3008 chip, with 2 SFF8643 high-speed connectors onboard, 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.

(The final interpretation right belongs to Gooxi)