

Gooxi Eagle Stream 2U Dual-Socket General Server Product Specifications

I Product Type

2U rackmount server

II Introduction

Gooxi's newly launched 2U dual-socket server features the high-performance Intel C721 chipset, supporting 4th and 5th Gen Intel® Xeon® Scalable processors. This model includes 16 DDR5 DIMM slots, supports up to 12 3.5-inch hot-swappable drives, and provides 9 PCIe slots, offering flexible support for diverse workloads across various application scenarios.

III Product Features

- ◆ Supports 2 x 4th/5th Gen Intel® Xeon® Scalable processors, with TDP up to 350W
- ◆ Offers 9 PCIe high-speed expansion slots, providing extensive expansion capabilities
- ◆ Supports 16 DDR5 memory slots, with memory frequencies of 4400/4800/5600MHz
- ◆ Up to 4 SAS/SATA/NVMe + 8 SAS/SATA drives

IV Pictures



[Front View of 12-Bay Model](#)



[Front View of 8-Bay Model](#)



[Rear View with Vertical Slots](#)



[Rear View with Horizontal Slots](#)

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

V Specifications

Product Series	AS201-D12R-NV-G4	AS201-D12RE-G4	AS201-D08R-G4
Form Factor	2U Rackmount Server		
Dimensions	745 * 444 * 87.6 mm (D * W * H)		
Processor	Supports 2 Intel® Xeon® 4th/5th Gen Scalable Processors, with TDP up to 350W		
Memory	16 DDR5 slots, supports DDR5 4400/4800/5600 MHz RDIMM memory		
Internal Storage Interface	2 M.2 (PCIe 5.0 x4) interfaces, 3 MiniSAS HD interfaces, 2 SATA DOM interfaces		
Front Hard Drives	Supports up to 4 hot-swap 3.5"/2.5" SATA/SAS/NVMe and 8 3.5"/2.5" SAS/SATA hard drives	Supports up to 12 hot-swap 3.5"/2.5" SATA/SAS hard drives	Supports up to 8 hot-swap 3.5"/2.5" SATA/SAS hard drives
Rear Hard Drives	Supports up to 2 hot-swap 2.5" SAS/SATA/NVMe hard drives		
External Ports	Front: 2x USB 3.0, 1x VGA		
	Rear: 1 VGA, 1 COM port, 2 USB 3.0, 1 management port, 2 RJ45 ports		
PCIE Expansion	Rear optional: Supports 9 half-height, half-length, single-width PCIe 5.0 slots		
	Rear optional: Supports 1 full-height, full-length, dual-width PCIe 5.0 slot and 5 half-height, half-length, single-width PCIe 5.0 slots		
Security	Supports TPM/TCM hardware encryption modules, BMC remote access encryption, BIOS access encryption		
Power Supply	800W/1300W/1600W/2000W CRPS 1+1 Redundant (1+1)		
Fans	Standard 4x8038 hot-swappable N+1 redundant fans		
IPMI	IPMI 2.0		
Management Port	1 RJ45 management port		
Operating Temperature & Humidity	Temperature: 5°C to 35°C / Humidity: 20% to 80% RH (non-condensing)		
Storage Temperature & Humidity	Short-term storage (≤72H): Temperature -40°C to 70°C / Humidity 20% to 90% RH (non-condensing, with packaging) Long-term storage (>72H): Temperature 20°C to 28°C / Humidity 30% to 70% RH (non-condensing, with packaging)		

VI Order Information

Type	PN	Model	Description
Barebone	0.21.002.0527	AS201-D12R-NV-G4	Gooxi dual-socket Eagle Stream platform 2U 12-bay, supports up to 8*SATA/SAS/NVMe + 4 SAS/SATA Direct Connection backplane, standard 800W 1+1 redundant power supply.
Barebone	0.21.002.0525	AS201-D12RE-G4	Gooxi dual-socket Eagle Stream platform 2U 12-bay, SATA/SAS Expansion backplane, standard 800W 1+1 redundant power supply.
Barebone	0.21.002.0526	AS201-D08R-G4	Gooxi dual-socket Eagle Stream platform 2U 8-bay, SATA/SAS Direct Connection backplane, standard 800W 1+1 redundant power supply.
Optional Accessories			
Network Card	4.00.104.0013	G82599-PK	Based on Intel 82599 chip, dual-port 10GbE optical network card.
Network Card	4.00.104.0008	G710-PK	Based on Intel XL710 chip, onboard 4-port 10GbE optical interface.
Slide Rail	4.00.312.0004	C2907-664-3	Gooxi L-shaped motherboard series 1U/2U/3U server rail kit: 790mm travel. Includes one set of rails (Rail: 30100018 + Packaging box: 33300025).
Power Supply	3.03.153.0049	GC800PMP	Gooxi 800W CRPS power module, 185 x 73.5 x 39 mm; rated AC voltage: 100V–240V, supports 240V DC
Power Supply	3.03.153.0047	GC1300PMP	Gooxi 1300W CRPS power module, 185 x 73.5 x 39 mm; rated AC voltage: 100V–240V, supports 240V DC
Power Supply	3.03.153.0053	GC1600PMP	Gooxi 1600W CRPS power module, 185 x 73.5 x 39 mm; rated AC voltage: 100V–240V, supports 240V DC
Power Supply	3.03.153.0064	GC2000PMT	Gooxi 2000W CRPS power module, 185 x 73 x 40 mm; rated AC voltage: 100V–240V, supports 240V DC
Rear Hard Drive Expansion Module	4.00.101.0090	RMC2112-745-DM-NV	Rear 2.5" SAS/NVMe module, supports 2 × 2.5" SAS/NVMe drives

Rear Hard Drive Expansion Module	4.00.101.0089	RMC2112-745-DM	Rear 2.5" SATA/SAS module, supports 2 × 2.5" SATA/SAS drives
Vertical PCIe Slot Rear Panel Assembly	4.02.003.0111	A2112-745-2901-01	Supports up to 9 vertical half-height cards
Left Horizontal PCIe Slot Rear Panel Assembly	4.02.003.0113	A2112-745-2903-01	Supports full-height left PCIe bracket or optional 2.5" HDD module, plus one left horizontal half-height bracket, and five vertical half-height cards

(The final interpretation right belongs to Gooxi)