

Gooxi Eagle Stream 2U Dual-Socket High-End Server Specifications

I Product Type

2U Rackmount Server

II Introduction

Gooxi Eagle Stream 2U dual-socket high-end server, supports 1 or 2 4th/5th generation Intel® Xeon® Scalable processors, 32 DIMM DDR5 memory slots, supports 2 M.2 interfaces, 1 RJ45 management port, and 12 PCIe 5.0 expansion slots. It is suitable for virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise markets, or telecommunications business applications, and more.

III Features

- ◆ Supports 1 or 2 4th/5th generation Intel® Xeon® Scalable processors, with a maximum TDP of 350W.
- ◆ Supports a maximum of 32 DDR5 memory slots, with memory frequencies of 4400/4800/5600MHz.
- ◆ Two M.2 SATA/NVMe interfaces onboard.
- ◆ Modular design, allowing various combinations of PCIe and hard drive options.
- ◆ Up to 12 PCIe 5.0 expansions

IV Pictures



Front View of the 2U 12-Bay Model



Front View of the 2U 24-Bay Model



Rear View

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

V Specifications

Product Series	SL201-D12R-NV-G4	SL201-D12R-G4	SL201-D12RE-G4	SL201-D24R-NV-G4
Product Type	2U12 U.2 Direct-Connect	2U12 SATA/SAS Direct-Connect	2U12 SATA/SAS Expansion	2U24 U.2 Direct-Connect
Dimension	799*433.4*87.6mm(D*W*H)			
Processor	Supports 1 or 2 4th/5th generation Intel® Xeon® Scalable processors, with a maximum TDP of 350W			
Memory	32 DDR5 memory slots, supporting DDR5 RDIMM 4400/4800/5600MHz memory			
Internal Storage Interface	3 Mini SAS HD interfaces, 2 SATA/NVMe M.2 SSD interfaces, and 14 MCIO interfaces			
External Hard Drive	12 hot-swappable 3.5/2.5-inch SAS/SATA/U.2 hard drives in the front, optional 2*2×2.5-inch hard drive modules in the rear	12 hot-swappable 3.5/2.5-inch SAS/SATA hard drives in the front, optional 2*2×2.5-inch hard drive modules in the rear	12 hot-swappable 3.5/2.5-inch SAS/SATA hard drives in the front, optional 2*2×2.5-inch hard drive module in the rear	24 hot-swappable 2.5-inch SAS/SATA/U.2 hard drives in the front, optional 2*2×2.5-inch hard drive module in the rear
External Ports	Front Ports: 1 VGA, 2 USB 3.0			
	Rear ports: 1 VGA, 1 COM port, 2 USB 3.0, 1 RJ45 Gigabit management port			
PCIe Expansion Form	6 full-height PCIe slots, 4 half-height PCIe slots, 2 OCP 3.0 slots			

PCIE Expansion Specifications	<p>Riser1/2:</p> <ul style="list-style-type: none"> ◆ 1*Full height PCIe 5.0 x16, 2* Full height PCIe 5.0 x8 ◆ 2* Full height PCIe 5.0 x16 <p>Riser3/4 :</p> <ul style="list-style-type: none"> ◆ 2*half height PCIe 5.0 x8 ◆ 1*half height PCIe 5.0 x16 <p>OCP:</p> <ul style="list-style-type: none"> ◆ 2*OCP 3.0(PCIe 5.0 x8)
Security	Optional TPM module
Power Supply	Supports AC 220V 800W, 1300W, 1600W, 2000W, 2200W, 2600W redundant power supplies (adapted to actual power requirements)
Fan	Standard 4 hot-swappable N+1 redundant fans, supporting 8038/8056 specifications
IPMI	IPMI 2.0
Management Port	1 dedicated RJ45 management port
Working Temperature& Humidity	Temperature 5°C~35°C/humidity 20%~80% RH non-condensing
Storage Temperature& Humidity	Short-term storage (≤72 hours): Temperature -40°C ~ 70°C / Humidity 20% ~ 90% RH (non-condensing, including packaging)
	Long-term storage (>72 hours): Temperature 20°C ~ 28°C / Humidity 30% ~ 70% RH (non-condensing, including packaging)

VI Order Info

Type	PN	Model	Description
Barebone	0.21.002.0238	SL201-D12R-NV-G4	Gooxi dual-socket Eagle Stream platform 2U 12-bay model, SATA/SAS/U.2 direct-connect version, standard 800W 1+1 redundant power supply
Barebone	0.21.002.0518	SL201-D12R-G4	Gooxi dual-socket Eagle Stream platform 2U 12-bay model, SATA/SAS/U.2 direct-connect version, standard 800W 1+1 redundant power supply
Barebone	0.21.002.0519	SL201-D12RE-G4	Gooxi dual-socket Eagle Stream platform 2U 12-bay model, SATA/SAS/U.2 expansion version, standard 800W 1+1 redundant power supply
Barebone	0.95.002.0097	SL201-D24R-NV-G4	Gooxi dual-socket Eagle Stream platform 2U 24-bay model, SATA/SAS/U.2

			direct-connect version, standard 800W 1+1 redundant power supply
Optional Accessories			
2.5-inch Hard Drive Module	4.00.101.0009	SL201-2.5-MM	2*2.5-inch SATA/SAS disk, supports SGPIO (including high-speed cable and power supply cable)
Slide Rail	3.11.001.0018	C2907-687-3	Supports 1m-1.2m cabinets, with a load-bearing capacity of 45KG for the slide rail
PCIe Expansion Module	/	SL2112-799-PCIE1-M	Gooxi self-developed 2U-799 chassis full-height PCIe expansion module includes a 2U PCIe full-height bracket and adapter board (PCIe 5.0 x32 to 2 PCIe 5.0 x16), excluding high-speed cables
PCIe Expansion Module	/	SL2112-799-PCIE2-M	Gooxi self-developed 2U-799 chassis full-height PCIe expansion module includes a 2U PCIe full-height bracket and an adapter board (PCIe 5.0 x32 to 1 PCIe 5.0 x16 + 2 PCIe 5.0 x8), excluding high-speed cables
PCIe Expansion Module	/	SL2112-799-PCIE3-M	Gooxi self-developed 2U-799 chassis half-height PCIe expansion module includes a 2U PCIe half-height bracket and an adapter board (PCIe 5.0 x16 to 2 PCIe 5.0 x8), excluding high-speed cables
PCIe Expansion Module	/	SL2112-799-PCIE4-M	Gooxi self-developed 2U-799 chassis half-height PCIe expansion module includes a 2U PCIe half-height bracket and an adapter board (PCIe 5.0 x16 to PCIe 5.0 x16), excluding high-speed cables
OCP3.0 Network Card	1.23.222.0348	G82599L	Gooxi self-developed OCP3.0 network card, using G82599 chip, dual optical port 10G network card
OCP3.0 Network Card	1.23.222.0417	G710L	Gooxi self-developed OCP3.0 network card, using XL710 chip, four optical port 10G network card
Network Card	4.00.104.0013	G82599-PK	Gooxi self-developed Intel G82599 chip, standard PCIe3.0x8 dual optical port 10G network card
Network Card	4.00.104.0008	G710-PK	Gooxi self-developed Intel XL710 chip, standard PCIe3.0x8 network card, 4*10G optical port

Power Supply Module	3.03.153.0049	GC800PMP	Gooxi 800W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, supports 240V DC
Power Supply Module	3.03.153.0047	GC1300PMP	Gooxi 1300W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, supports 240V DC
Power Supply Module	3.03.153.0053	GC1600PMP	Gooxi 1600W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, supports 240V DC
Power Supply Module	3.03.153.0064	GC2000PMT	Gooxi 2000W CRPS power module, 185x73.x40mm; rated AC voltage 100V-240V, supports 240V DC
Power Supply Module	3.03.153.0054	GC2200PMT	Gooxi 2200W CRPS power module, 185x73.x40mm; rated AC voltage 100V-240V, supports 240V DC

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