

Gooxi Eagle Stream 6U 8-GPU AI Server SY6108G-G4 Product Specifications

I Product Type

6U rackmount server

II Introduction

SY6108G-G4 is an AI computing server built on Intel's latest Eagle Stream platform, offering exceptional computing power and flexible expansion capabilities. With direct CPU-GPU connectivity, it delivers high performance for parallel computing, robust scalability, reliability, energy efficiency, intelligent maintenance, modular design, and an open ecosystem. This server is optimized for diverse AI-driven workloads, including cloud gaming, AI processing, cloud computing, virtualization, big data analytics, and digital twin applications.

III Product Features

- Supports 1 or 2 4th/5th Gen Intel® Xeon® Scalable Processors, with TDP up to 350W

- Up to 32 DDR5 memory slots, with memory frequencies of 4400/4800/5600MHz, increasing memory bandwidth by 75%

- 2 Onboard M.2 SATA/NVMe interfaces

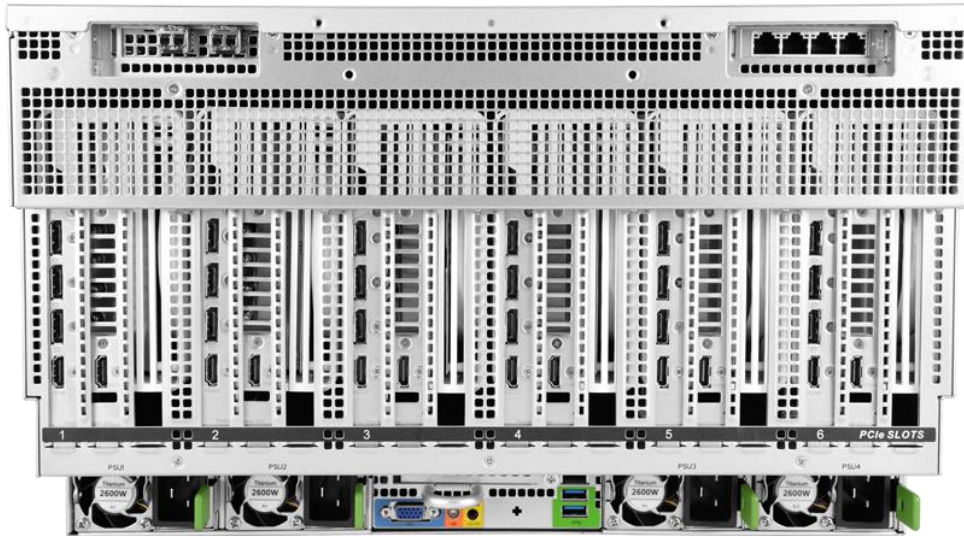
- Supports direct CPU-GPU connections, accommodating 600W dual-width, triple-width, and 3.5-width GPUs

- Supports 12 SATA/SAS/NVMe tri-mode hard drives, meeting high-speed data transfer and storage requirements

IV Pictures



Front View



Rear View

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

V Specifications

Product Series	SY6108G-D12R-G4
Form Factor	Pass-through 8-GPU 12-Bay AI Server
GPU	Supports up to 8 GPUs with 600W power, accommodating dual-width, triple-width, and 3.5-width GPUs, maximum GPU width of 70.1mm
Processor	Supports one or two 4th/5th Gen Intel® Xeon® Scalable Processors, with a maximum TDP of 350W
Memory	32 DDR5 memory slots, supporting DDR5 4400/4800/5600MHz
Internal Storage Interface	2 Slimline 4x ports (SATA), 2 M.2 slots (SATA/PCIe3.0x1) for 2280/22110 sizes
External Hard Drive	12 hot-swappable 3.5"/2.5" SAS/SATA/NVMe drives
External Ports	Front: 2x USB 3.0, 1x VGA
	Rear: 1x serial port, 2x USB 3.0, 1x VGA, 1x RJ45 management port (optional upgrade for 2x 10G RJ45 network ports)
PCIE Expansion	Up to 13 PCIe expansion slots
OS	Microsoft Windows Server, RedHat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VMware ESXi etc.
Security	Supports TPM 2.0 module, chassis intrusion alarm, BMC/BIOS redundancy
Power Supply	Supports CRPS 2000W/2200W/2600W/3200W power modules, with hot-swap capability and 3+1 redundancy

Fan	Standard configuration includes 12 hot-swappable 6056 fans and 4 hot-swappable 8038 fans
IPMI	Supports Redfish, SNMP, IPMI 2.0 standard interfaces
Management Port	1 dedicated RJ45 management port
Dimension	265mm (H) x 447mm (W) x 910mm (D)
Operating Temperature	5°C~35°C

VI Order Information

Type	PN	Model	Description
Barebone	0.21.006.0004	SY6108G-D12R-G4	Gooxi Eagle Stream platform 6U 8-GPU direct-connect GPU server, supporting 12*3.5"/2.5" SATA/SAS/NVMe hard drives, with a maximum of 13 PCIe slots; Standard configuration: supports 4 NVMe drive bays and 8 SATA drive bays; includes 8 PCIe 5.0 x16 GPU slots, 1 PCIe 4.0 x8 slot, and 2 PCIe 5.0 x8 slots; equipped with 12 hot-swappable 6056 fans and 4 hot-swappable 8038 fans; includes 4*2000W power supplies.
Power Module	3.03.153.0054	GC2200PMT	Gooxi 2200W CRPS power module
Power Module	3.03.153.0075	GC2600PMT	Gooxi 2600W CRPS power module
Power Module		GC3200PMT	Gooxi 3200W CRPS power module
Network Card	4.00.104.0013	G82599-PK	Utilizes Intel 82599 chip for a dual 10Gb optical PCIe network card
Network Card	4.00.104.0008	G710-PK	Utilizes Intel XL710 chip for an onboard quad 10Gb optical PCIe network card
Network Card	1.23.222.0348	G82599L	Utilizes Intel 82599 chip for a dual 10Gb optical OCP 3.0 network card
Network Card	1.23.222.0417	G710L	Utilizes Intel XL710 chip for an onboard quad 10Gb optical OCP 3.0 network card
Slide Rail	3.11.001.0016	C7007-108-3	Full extension length of 920mm, supporting 1m-1.2m cabinets

(The final interpretation right belongs to Gooxi)