

Gooxi Eagle Stream 4U 8-GPU Server Specifications

I Product Type

4U rackmount server

II Introduction

SY4108G-G4 is an artificial intelligence computing server based on Intel's latest Eagle Stream platform, offering powerful computing capabilities and highly flexible expansion options. It supports direct CPU-GPU connections and CPU-GPU switch topologies, meeting the application needs of various AI scenarios. It is suitable for applications in artificial intelligence, cloud computing, virtualization, big data analysis, and digital twins.

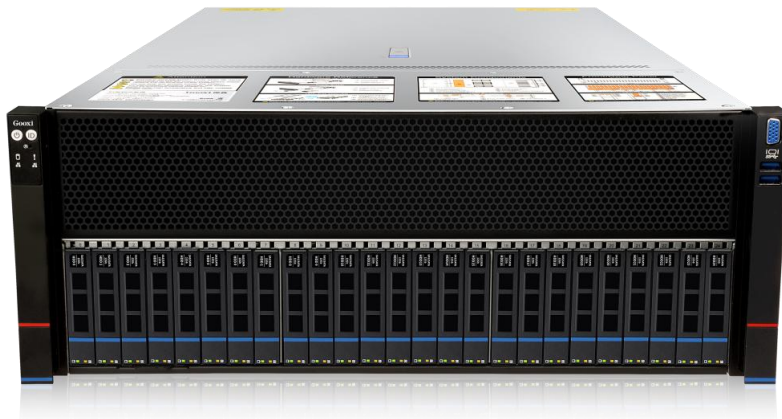
III Product Features

- ◆ Supports 2 4th/5th Gen Intel® Xeon® Scalable processors, maximum TDP 385W
- ◆ Supports up to 32 DDR5 memory slots, speed up to 5600MT/s, memory bandwidth increased by 75%
- ◆ Supports 2 Slimline x4 interfaces (SATA), onboard 2 M.2 SATA/NVMe interfaces
- ◆ Supports CPU-GPU Direct Connection and CPU-GPU Switch expansion mode, up to 8 dual-width GPU
- ◆ Supports SATA/SAS/NVMe tri-mode drives for high-speed transmission and data storage

IV Pictures



Liquid-Cooled Version View





Standard Version Front View



Standard Version Rear View

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

V Specifications

Product Type	4U Rackmount Server	
GPU Configuration	8-GPU Direct Connection configuration	10-GPU Switch configuration
GPU Support	Supports 8 dual-width GPU	Supports 10 dual-width GPU
Processor	Supports 2 4th/5th Gen Intel® Xeon® Scalable processors, maximum TDP 385W	
Memory	Supports 32 DDR5 memory slots, DDR5 4400/4800/5600MHz	

PCIe Specification	Supports 13 PCIe expansion slots including 1 OCP 3.0 slot	Supports 15 PCIe 5.0 expansion slots + 1 OCP 3.0 slot	
Storage Controller	RAID card controller, SAS card controller Onboard PCH supports 8 SATA interfaces Intel onboard NVMe controller		
Storage	Front panel: 12*2.5/3.5 SAS/SATA/NVMe	Front panel: 12*2.5/3.5 SAS/SATA/NVMe	Front panel: 24*2.5 SAS/SATA/NVMe
	Built-in storage: 2 Slimline x4 interfaces (SATA), 2 M.2 (2280/22110) (SATA/PCIe 3.0 x1)		
Network	Optional OCP 3.0 network card Optional PCIe standard NIC supporting 1/10/25/40/100/200/400GE		
Fan	Standard 12 x 6056 Hot-Swap N+1 redundant fan		
Interfaces	Front: 2 USB 3.0, 1 VGA		
	Rear: 2 USB 3.0, 1 VGA, 1 Serial port, 1 RJ45 management port (optional 2 x 10G RJ45 network ports)		
	Internal: 1 USB 2.0		
Power Supply	Supports 4 power modules, options of 2000W/2200W/2700W/3200W Supports Hot-Swap and 2+2/3+1 redundancy		
IPMI	Supports Redfish, SNMP, IPMI 2.0 standard interfaces		
Security	Administrator password, TPM 2.0, chassis intrusion alarm, BMC redundancy		
OS	Microsoft Windows Server, RedHat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VMware ESXi, etc.		
Operating Temperature	5°C~35°C		
Dimensions	176.5mm (H) x 444mm (W) x 850mm (D)		

(The final interpretation right belongs to Gooxi)