

## Gooxi AMD Turin 4U 8-GPU Server Specifications

### I Product Type

4U rackmount server

### II Introduction

SYR4108G-G5 is an AI computing server developed based on the AMD EPYC Turin platform, featuring powerful computing performance and high scalability. It supports CPU-GPU direct connection and CPU-GPU switch topology, meeting the application needs of various AI business scenarios. Suitable for AI, cloud gaming, virtualization, big data analytics, and digital twin applications.

### III Product Features

- ◆ Supports 2 AMD EPYC Turin 9005 series processors, compatible with Genoa 9004 series processors, with a maximum TDP of 500W
- ◆ Supports up to 24 DDR5 memory slots, with memory speeds of 4800/6400MHz and a 75% increase in memory bandwidth
- ◆ Equipped with 2 onboard PCIe 3.0 M.2 NVMe SSDs (2280)
- ◆ Supports CPU-GPU direct connection and CPU-GPU switch expansion modes, compatible with 600W dual-width GPU cards
- ◆ Supports SATA/SAS/NVMe tri-mode hard drive configurations, meeting high-speed transmission and data storage requirements

### IV Pictures





Front View



Rear View

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

## V Specifications

Product Series	SYR4108G-D12R-G5	SYR4110G-D24R-G5
Form Factor	Passthrough 8-GPU 12-bay AI Server	Switch 10-GPU 24-bay AI Server
GPU	Up to 8 dual-width 600W GPUs	Up to 10 dual-width 600W GPUs

Dimension	176.5mm (H) x 444mm (W) x 850mm (D)	
Processor	Supports 2 AMD EPYC Turin 9005 series processors, compatible with Genoa 9004 series processors	
Memory	24 DDR5 memory slots, supporting DDR5 4800/6400MHz	
Internal Storage Interface	2 M.2 slots (2280, PCIe 3.0)	
External Hard Drive	Supports up to 12 hot-swap 3.5"/2.5" SAS/SATA/NVMe drives	Supports up to 24 hot-swap 2.5" SAS/SATA/NVMe drives
External Ports	Front Ports: 2x USB 3.1, 1x VGA	
	Rear Ports: 1x serial port, 2x USB 3.0, 1x VGA, 1x RJ45 management port, 2x Gigabit RJ45 ports	
PCIe Expansion Specification	Up to 8 PCIe 5.0 x16 dual-width full-height, full-length slots; 4 PCIe 5.0 x8 (x16 slot) single-width full-height slots; optional OCP 3.0 card (occupies 1 PCIe 5.0 x8 or x16 slot)	Up to 8 PCIe 5.0 x16 dual-width full-height, full-length slots; 5 PCIe 5.0 x8 (x16 slot) single-width full-height slots; optional OCP 3.0 card
	Microsoft Windows Server, RedHatEnterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VmwareEXSi, etc.	
OS	Microsoft Windows Server, RedHatEnterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VmwareEXSi, etc.	
Security	Supports TPM 2.0 module, intrusion alarm, BMC/BIOS redundancy	
Power Supply	3+1 or 2+2 redundancy (2000W/2200W/2600W/3200W)	
Fan	12 hot-swappable 6056 N+1 redundant fans	
IPMI	Supports Redfish, SNMP, IPMI 2.0, and other standard interfaces	
Management Port	1 dedicated RJ45 management port	
Operating Temperature	5°C~35°C	

## VI Order Information

Type	PN	Model	Description
Barebone	0.95.004.0024	SYR4108G-D12R-G5	Gooxi AMD EPYC Turin platform 4U 8-GPU Direct Connection Server, supports up to 12 3.5"/2.5" SATA/SAS/NVMe drives, includes 4 x 2000W power supplies
Barebone	0.95.004.0023	SYR4110G-D24R-G5	Gooxi AMD EPYC Turin platform 4U 8-GPU Switch Expansion Server, supports up to 24 2.5" SATA/SAS/NVMe drives, includes 4 x 2000W power supplies

<b>Optional Accessories</b>			
Power Module	3.03.153.0064	GC2000PMT	Gooxi 2000W CRPS Power Module
Power Module	3.03.153.0054	GC2200PMT	Gooxi 2200W CRPS Power Module
Power Module	3.03.153.0075	GC2600PMT	Gooxi 2600W CRPS Power Module
Slide Rail	3.11.001.0016	C7007-108-3	Fully extended length 920mm, supports 1m-1.2m racks

(The final interpretation right belongs to Gooxi)