

Gooxi AMD Turin 8U 8-GPU AI Server SYR8108G-G5 Product Specifications

I Product Type

8U rackmount server

II Introduction

Gooxi SYR8108G-G5 8U 8-GPU AI server, developed on the AMD EPYC Turin platform, delivers powerful computing performance and ultra-high elastic scalability; supports CPU-GPU Direct Connection for 8 4.5-width GPUs, meeting application requirements across diverse AI scenarios; applicable to artificial intelligence, cloud gaming, virtualization, big data analytics, and digital twins; features large storage capacity, strong expandability, high reliability, easy management, and easy deployment.

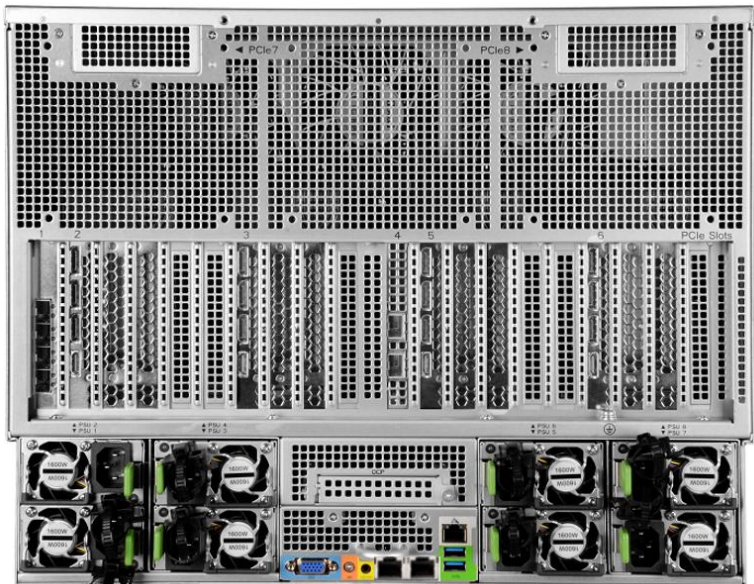
III Product Features

- ◆ Supports 2*AMD EPYC Turin 9005 series processors, compatible with 9004 series, with TDP up to 500W
- ◆ Supports 24*DDR5 memory slots, with frequency support for 4800/5600/6400MHz
- ◆ CPU-GPU direct connection configuration, supporting 8*600W dual-width / 2.5-width / 3-width / 3.5-width / 4.5-width GPUs
- ◆ Up to 12*3.5"/2.5" SATA/SAS/U.2 drives, meeting the needs of high-speed data transfer and storage

IV Pictures



Front View



Rear View

V Specifications

Product Series	SYR8108G-D12R-G5	
Form Factor	Passthrough 8-GPU Server (Fan Version)	Passthrough 8-GPU Server (Blower Version)
GPU	Supports 8 × 600W 3-width / 3.3-width / 3.5-width / 4.5-width RTX 5090 fan GPU, or other 600W fan GPU; GPU adopts a front/rear 4+4 separated upper/lower split airflow-duct layout;	Supports 8 × 600W 2-width / 2.5-width RTX 5090 blower GPU, or other 600W blower GPU; GPU adopts an 8-card rear-aligned side-by-side centralized airflow-duct cooling layout; maximum

	maximum supported GPU width 89mm	supported GPU width 50mm
Dimension	364.3mm (H) x 446mm (W) x 910mm (D)	
Processor	Supports 2 × AMD EPYC Turin 9005 series processors, compatible with 9004 series processors, maximum supported TDP 500W	
Memory	24 × DDR5 memory slots, supports DDR5 4800/5600/6400 MHz	
External Hard Drive	12 × hot-swap 3.5"/2.5" SAS/SATA/NVMe drives	
External Ports	Front: 2 × USB 3.0, 1 × VGA	
	Rear: 1 × serial port, 2 × USB 3.0, 1 × VGA, 1 × RJ45 management port, 2 × Gigabit RJ45 network ports	
PCIe Expansion Specification	Supports 12 × PCIe 5.0 expansion slots (including 1 × OCP): 8 × PCIe 5.0 4.5-width slots, 4 × PCIe 5.0 x8 single-width slots	Supports 12 × PCIe 5.0 expansion slots (including 1 × OCP): 8 × PCIe 5.0 2.5-width slots, 4 × PCIe 5.0 single-width slots
OS	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Ubuntu, VMware ESXi, etc.	
Security	Supports TPM 2.0 module, chassis open-cover alarm, BMC/BIOS redundancy	
Power Supply	Supports 8 × CRPS power supply modules; supports N+N / N+M redundancy (1600W / 2200W / 2700W / 3200W)	
Fan	Standard 6 × 6056 and 6 × 12038 fan	
IPMI	Supports standard interfaces including Redfish, SNMP, and IPMI 2.0	
Management Port	1 dedicated RJ45 management port	
Operating Temperature	5°C~35°C	

VI Order Information

Type	PN	Model	Description
Barebone	0.22.008.0001	SYR8108G-D12R-G5	Gooxi AMD EPYC Turin platform 8U 8-GPU Direct Connection server, supports 12*3.5"/2.5" SATA/SAS/NVMe drives, equipped with 8×1600W power supplies, supports up to 4 front 4.5-width + 4 rear 4.5-width Fan GPUs
Barebone	0.22.008.0002	SYR8108G-D12R-G5	Gooxi AMD EPYC Turin platform 8U 8-GPU Direct Connection server, supports 12*3.5"/2.5" SATA/SAS/NVMe drives, equipped with 8×1600W power supplies, supports up to 8 rear 2.5-width Blower GPUs

(The final interpretation right belongs to Gooxi)