

Gooxi AMD Turin 6U 8-GPU AI Server Specifications

I Product Type

6U rackmount server

II Introduction

Gooxi SYR6108G-G5 6U 8-GPU AI server is an AI computing server developed based on the AMD EPYC Turin platform, featuring powerful computing performance and exceptional scalability. It supports direct CPU-to-GPU connection for 8 triple-width GPU cards, meeting the demands of various AI application scenarios. Suitable for AI, cloud gaming, virtualization, big data analytics, and digital twin applications, this server offers large storage capacity, strong expansion capabilities, high reliability, easy management, and simplified deployment.

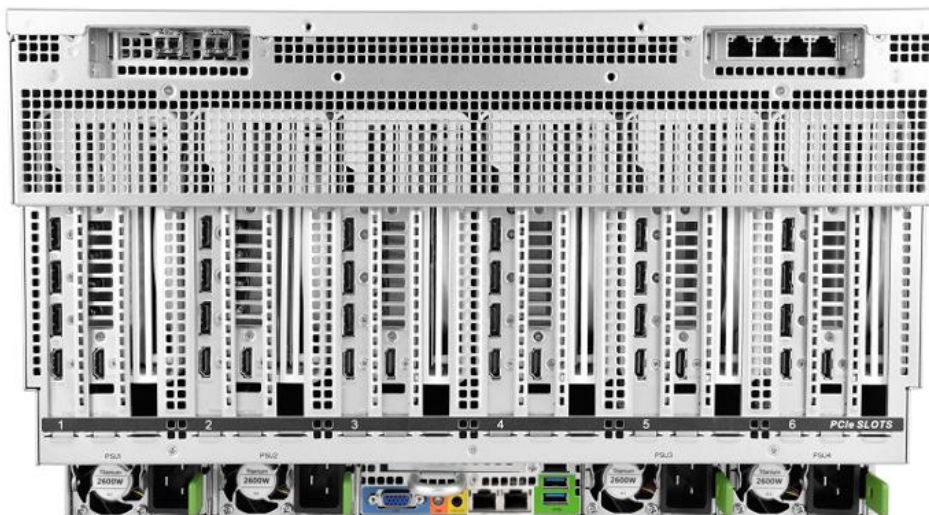
III Product Features

- ◆ Supports 2 AMD EPYC Turin 9005 series processors, compatible with Genoa 9004 series processors, with a maximum TDP of 500W
- ◆ Supports 24 DDR5 memory slots, with memory speeds of 4800/6400MHz
- ◆ CPU-to-GPU direct connection configuration, supports 8*600W dual-width / 3-width / 3.5-width GPUs
- ◆ Supports up to 12*3.5"/2.5" SATA/SAS/U.2 drives, meeting high-speed data transfer and storage demands

IV Pictures



[Front View](#)



[Rear View](#)

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

V Specifications

| | |
|------------------------------|---|
| Product Series | SYR6108G-D12R-G5 |
| Form Factor | Passthrough 8-GPU 12-bay AI Server |
| GPU | Supports up to 8*600W dual-width, 3-width, or 3.5-width GPUs |
| Dimension | 265mm (H) x 444mm (W) x 910mm (D) |
| Processor | Supports 2 AMD EPYC Turin 9005 series processors, compatible with Genoa 9004 series processors, with a maximum supported TDP of 500W. |
| Memory | 24 DDR5 memory slots, supports DDR5 4800/6400 MHz memory |
| External Hard Drive | 12 hot-swap 3.5"/2.5" SAS/SATA/NVMe drives |
| External Ports | Front Ports: 2x USB 3.0, 1x VGA |
| | Rear Ports: 1x serial port, 2x USB 3.0, 1x VGA, 1x RJ45 management port, 2x Gigabit RJ45 ports |
| PCIe Expansion Specification | Supports 11 PCIe 5.0 expansion slots: 8 PCIe 5.0 x16 slots, 3 PCIe 5.0 x8 slots; (default supports direct connection of 2 PCIe 5.0 x4 U.2 drives) |
| 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 redundancy (2600W/3200W) |
| Fan | 12x 6056 Hot-Swap N+1 Redundant Fan, 4x 8038 Hot-Swap N+1 Redundant Fan |
| IPMI | Standard interfaces such as IPMI 2.0 |
| Management Port | 1 dedicated RJ45 management port |
| Operating | 5°C~35°C |

| | |
|-------------|--|
| Temperature | |
|-------------|--|

VI Order Information

| Type | PN | Model | Description |
|--------------|---------------|------------------|---|
| Barebone | 0.22.006.0002 | SYR6108G-D12R-G5 | Gooxi AMD EPYC Turin Platform 6U 8-GPU Direct Connection Server, supports 12 x 3.5"/2.5" SATA/SAS/NVMe hard drives, standard 4 x 2600W 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 | 3.03.153.0087 | GC3200PMT | Gooxi 3200W 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)