

AMD 4U 8-GPU Single-Socket GPU Server

1. Product Type

4U 8-GPU rackmount server

2. Product Introduction

Gooxi AMD single-socket 4U 8-card GPU server product is a rack-mounted GPU server with a wide range of uses for the needs of rendering, cloud games, artificial intelligence, and big data processing. The server has the advantages of superior versatility, strong scalability, high reliability, easy management and easy deployment.

3. Product Features

- ◆ 1 high-performance AMD EPYC 7003/7002/7001 series processor
- ◆ 16 DDR4 memory slots
- ◆ 8 PCIe expansion slots, supporting 8 double-width or 6 triple-width, full-height, full-length GPUs
- ◆ The front and rear fans are equipped with a stronger heat dissipation function

4. Product Pictures



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

China-Leading Provider of Server Solutions

5. Product Parameters

Product series	SR4108G-S04R-8F
Product type	4U 8-GPU
System size	695*433.4*176.5mm (depth*width*height)
Processor	Support 1 AMD EPYC 7003 (Milan) processor; *Compatible with AMD EPYC 7002 (Rome) and AMD EPYC 7001(Naples) ; Maximum TDP: 240W
Memory	16 DDR4 memory slots, support 2400/2666/2933 DDR4 RECC memory
Internal storage interface	Onboard 2 MiniSAS SFF-8643 connectors, 4 Slimline interfaces (can be split into X4X4, one of which is fixed as X4X4), 2* 7Pin SATA connectors
Hard drive	Standard configuration: 4 rear 2.5-inch SATA hard drives; Optional : the rear can be expanded to 8* 2.5-inch SATA/SAS/NVMe hard drives, and 4 built-in 2.5-inch SATA hard drives
External port	Front : 2 USB3.0 Rear: 1 VGA, 1 COM port, 2 USB3.0, 1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports
PCIe extension form	Onboard 8 PCIe 3.0 x8 (in PCIe 3.0 x16 slot, support full-height, full-length, double-width / triple-width GPUs) Riser card : 2 PCIe 3.0 x8 (x8 slot+x16 slot, support half-height, half-length, single-width card)
Power supply	Support for 1200W/1300W/1600W/2000W/2200W CRPS 3+1 Redundant Power Supply (Adapted according to actual power requirements).
Fan	Standard 8*8038 hot-swappable redundant fans, optional 5*8038 fans in the rear.
IPMI	IPMI2.0
Management port	1 dedicated RJ45 management network port
Certification	CCC
RoHS	RoHS2.0
Operating Temperature & humidity	Temperature 5°C~35°C/ humidity 20%~80%RH non-condensing
Storage temperature & humidity	Short-term storage (≤72h): temperature -40°C~70°C/ humidity 20%~90%RH non-condensing (with packaging) Long-term storage (>72h): temperature 20°C~28°C/ humidity 30%~70%RH non-condensing (with packaging)

* The corresponding firmware is required when installing AMD Milan, Rome or Naples series CPUs

* Optional PCIe 4.0

6. Order Information

Type	PN	Model	Description
Barebone	0.22.004.0036	SR4108G-S04R-8F	Gooxi AMD 4U 8-GPU single-socket GPU server, 8* 8038 fans, 4* 1200W redundant powers

Optional Accessories

2.5-inch hard drive module	4.00.101.0037	SR4108G-2.5-DM	Rear 2.5-inch hard drive module, supporting 2* 2.5-inch SATA/SAS drives
2.5-inch hard drive module	4.00.101.0038	SR4108G-2.5-DM-NV	Rear 2.5-inch hard drive module, supporting 2 U.2 hard drives
PCIe expansion module	4.00.312.0157	SR4108G-695-RM	Gooxi 4U 8-GPU server rear PCIe expansion module, 2* Slimline x8 to 2* PCIe3 .0x8 (X8 slot+X16 slot), the module includes power cables and high-speed cables
rear fan	4.00.370.0038	SR4108G-FM	Gooxi self-made 4U8 card chassis rear fan module (including 1 Gooxi 8038 fan, 15500RPM, 100MM cable length 4PIN terminals, fan protection net, 500mm fan extension cable, rubber nails)
Slide rail	30100005 1.09.002.0001	C2907-648-3	675mm length
Power module	3.03.153.0053	GC1600PMP	Gooxi 1600W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, support 240V DC

The above parameters are subject to change without prior notice (the final interpretation right belongs to Gooxi)