

AMD 4U Dual-Socket High-End Server Specifications

I Product Type

4U Rackmount Server

II Introduction

Gooxi AMD Genoa 4U dual-socket high-end server is a widely used 4U dual-socket rack server launched to meet the needs of the Internet, IDC (Internet Data Center), cloud computing, enterprise market and telecommunications business applications. Suitable for IT Core business, cloud computing, virtualization, high-performance computing, distributed storage, big data processing, enterprise or telecommunications business applications and other complex workloads. The server has the advantages of good versatility, low energy consumption, strong scalability, high reliability, easy management, and easy deployment.

III Features

- ◆ Supports two high-performance AMD EPYC 9004 (Genoa) series processors
- ◆ Massive memory, supports 24 DDR5 memory slots
- ◆ Rich expansion, supports 10 PCIe 5.0 expansion slots
- ◆ Modular design, multiple combinations of PCIe and hard drive options

IV Pictures



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

V Specifications

Product series	SR401-D24RE-G2	SR401-D36RE-G2
Product type	4U 24-bay	4U 36-bay
System size	798*433.4*176.5mm (depth *width*height)	
Processor	Supports two AMD EPYC 9004 (Genoa) series processors	
Memory	24 DDR5 memory slots, support 4800 4400 DDR5 RDIMM memory	
Internal storage interface	Onboard 3 MiniSAS SFF-8643 connectors, 2 SATA interfaces, 2 M.2 interfaces (PCIe X4 signal, 2280/22110), 2 slimline x8 (PCIe4.0 x8 signal) interfaces	
External hard drive	24 hot-swappable 3.5/2.5-inch SAS/SATA hard drives, optional 2*2*3.5-inch SAS/SATA or 2*2*2.5-inch SAS/SATA or U.2 hard drives in the rear.	24+12 hot-swappable 3.5/2.5-inch SAS/SATA hard drives, optional 2*2*3.5-inch SAS/SATA or 2*2*2.5-inch SAS/SATA or U.2 hard drives in the rear.
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 expansion form	Supports 6*PCIe full-height slots, 4*PCIe half-height slots, 1*OCP 3.0 card slot	
*PCIe expansion specification	Riser1/Riser2: 1*PCIe x16+2*PCIe x8, 2*PCIe x16 Riser3: 2*PCIe x8, 1*PCIe x16 Riser4: 1*PCIe x16, 2*PCIe x8 OCP: 1*OCP3.0	
Safety	Supports TPM module	
Power supply	Supports 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power supply (adapted according to actual power)	
Fan	Standard 8*8038 hot-swappable N+1 redundant fans, optional 8056 hot-swappable N+1 redundant fans	
IPMI	IPMI2.0	
Management port	1 dedicated RJ45 management network port	
Certification	CCC	
RoHS	Comply with RoHS2.0	
Working temperature and humidity	Temperature 5 °C~ 35 °C/humidity 20 %~80%RH non-condensing	
Storage temperature and humidity	Short-term storage (≤72H): temperature -40°C ~ 70°C/ humidity 20% ~ 90%RH Non-condensing (including packaging) Long-term storage(>72H) : temperature 20 °C ~ 28 °C/ humidity 30 % ~ 70 %RH Non-condensing (including packaging)	

* Please consult technical support when using PCIe 5.0 devices.

VI Order Info

Type	PN	Model	Description
Barebone	0.22.004.0042	SR401-D24RE-G 2	Gooxi AMD 4U dual-socket high-end server barebone system, 12Gb expansion backplane, standard 1 PCIe X16X8X8 adapter board, 800W redundant power supply.
Barebone	80100310 0.22.004.0310	SR401-D36RE-G 2	Gooxi AMD 4U dual-socket high-end server barebone system, 12Gb expansion backplane, standard 1 PCIe X16X8X8 adapter board, 800W redundant power supply.
Optional Accessories			
PCIe expansion module	1.24.224.0014	RM2U748-PCIEI B1-X16X8X8	PCIe X16+2*MCIOX8 to 1*X16,2*X8
PCIe expansion module	1.24.222.0437	RM2U748-PCIEI B2-X16X16	PCIe X16+2*MCIOX8 to 2*X16
PCIe expansion module	1.24.224.0013	RM2U748-PCIEI B3-X16	PCIe×16 to 1*X16
PCIe expansion module	1.24.222.0438	RM2U748-PCIEI B4-X8X8	PCIe×16 to 2*X8
PCIe expansion module	4.00.312.0126	SL2108-748-PCI E4-M	2*Slimline x8 to 2*PCIe3.0x8(1*x16 SLOT+1*x8 SLOT),Riser4 (including half-height bracket, adapter board and high-speed cable)
3.5-inch hard drive module	4.00.101.0008	SL201-3.5-MM	Gooxi barebone system has a rear 3.5-inch hard drive module, supports two 3.5-inch/2.5-inch SATA/SAS disks, and supports SGPIO (including high-speed cables and power supply cables)
2.5-inch hard drive module	4.00.101.0009	SL201-2.5-MM	Gooxi barebone system has a rear 2.5-inch hard drive module, supports two 2.5-inch SATA/SAS disks, and supports SGPIO (including high-speed cables and power supply cables)
2.5-inch hard drive module	4.00.101.0013	RM2112-748-DM -NV	Gooxi barebone system has a rear 2.5-inch NVMe hard drive module and supports two 2.5-inch NVMe disks (including high-speed cables and power supply cables)
OCP3.0 network card	1.23.222.0348	G82599L	Gooxi self-developed OCP3.0 network card, using G82599 chip, dual optical port 10G network card
OCP3.0 network card	1.23.222.0417	G710L	Gooxi self-developed OCP3.0 network card, using XL710 chip, four optical port 10G network card
Power module	3.03.153.0047	GC1300PMP	Gooxi 1300W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, supports 240V DC
Power module	3.03.153.0053	GC1600PMP	Gooxi 1600W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, supports 240V DC
Power module	3.03.153.0054	GC2200PMP	Gooxi 2200W CRPS power module, 185x73.5x40mm; rated AC voltage 100V-240V, supports 240V DC
Power module	3.03.153.0064	GC2000PMT	Gooxi 2000W CRPS power module, 185x73.5x39mm; rated AC voltage 100V-240V, supports 240V DC
Slide Rail	4.00.312.0004	C2907-664-3	Gooxi L-shaped motherboard series 1U/2U/3U server slide rail, stroke: 790mm

The above parameters are subject to change without prior notice (The final interpretation rights belong to Gooxi)