

R263-ZG5-AAL2 (Rev. 3.x)

Rack Server - AMD EPYC™ 9005/9004 Server Processors -
2U UP 1 x PCIe Gen5 GPU + 4-Bay E3.S 2T CXL



Key Features

- Supports 1 x dual-slot Gen5 GPU
- Single AMD EPYC™ 9005/9004 Server Processors
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 16 x E3.S Gen5 NVMe hot-swap bays
- 4 x E3.S 2T bays for CXL memory expansion modules
- 2 x M.2 slots with PCIe Gen3 x2
- 1 x FHFL PCIe x16 slot with Gen5 x16 lanes for GPUs
- 1 x FHHL PCIe x16 slot with Gen5 x16 lanes
- 1+1 2700 W 80 PLUS Titanium redundant power supplies

Applications

AI Platform, AI Inference Server, Visual Computing, Storage Server, Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)	PCIe Expansion Slots	1 x FHFL x16 (Gen5 x16), for GPUs 1 x FHHL x16 (Gen5 x16)
Motherboard	MZG3-GU0	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
CPU	AMD EPYC™ 9005 Server Processors AMD EPYC™ 9004 Server Processors Single processor, cTDP up to 500 W	Backplane Board	PCIe Gen5 x4
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Socket	1 x LGA 6096 (Socket SP5)	Power Supply	1+1 2700 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 5200 MT/s (1DPC) Up to 4400 MT/s (1R 2DPC), 4000 MT/s (2R 2DPC) [EPYC 9004] Up to 4800 MT/s (1DPC), 3600 MT/s (2DPC) CXL memory expansion module: 4 x E3.S 2T (Gen5 x8)	System Fans	4 x 80x80x56mm
LAN	1 x 10/100/1000 Mb/s Management LAN	Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x R263-ZG5-AAL2 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x GPU power cable (16-pin, 450mm) 1 x 2-Section Rail kit
Storage	Front hot-swap: 16 x E3.S Gen5 NVMe Internal M.2: 2 x M.2 (2280/22110), PCIe Gen3 x2	Ordering Part Numbers	6NR263ZG5DR000ACL2*
RAID	Require RAID add-in cards	Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-A56121-KOR - Cable Management Arm: 25HB1-R18300-KOR



Learn more at: <https://www.gigabyte.com/Enterprise>

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