

R243-EG0-AAL1

Rack Server - AMD EPYC™ 8005/8004 Server Processors - 2U UP 4 x PCIe Gen5 GPUs Titanium PSU



Key Features

- Supports up to 4 x dual-slot Gen5 GPUs
- Single AMD EPYC™ 8005/8004 Server Processors
- 6-Channel DDR5 RDIMM per CPU with 12 x DIMMs
- 12 x 3.5"/2.5" SATA/SAS hot-swap bays
- 1 x M.2 slot with PCIe Gen3 x4
- 4 x FHFL PCIe x16 slots with Gen5 x16 lanes for GPUs
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- 1+1 2700 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
Motherboard	MEG3-GU0	Backplane Board	SATA 6 Gb/s or SAS 12 Gb/s
CPU	AMD EPYC™ 8005 Server Processors AMD EPYC™ 8004 Server Processors Single processor, cTDP up to 225 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
OS Compatibility	OS Support List	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.
Socket	1 x LGA 4844 (Socket SP6)	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Chipset	System on Chip	System Fans	4 x 80x80x38mm
Memory	6-Channel DDR5 RDIMM, 12 x DIMMs [EPYC 8005] Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC) [EPYC 8004] Up to 4800 MT/s (1DPC), 3600 MT/s (2DPC)	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x R243-EG0-AAL1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x GPU power cable (16-pin, 300mm) 3 x GPU power cables (16-pin, 450mm) 1 x 2-Section Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NR243EG0DR000AAL1*
Storage	Front hot-swap: 12 x 3.5"/2.5" SATA/SAS ^[1] Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4 ^[1] SAS card is required to support SAS drives.	Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R
RAID	Require RAID add-in cards		
PCIe Expansion Slots	4 x FHFL x16 (Gen5 x16), for GPUs 1 x OCP NIC 3.0 (Gen5 x16), Support NCSI		



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

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Last updated: May 20, 2026

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