

# R243-E33-AAF1

Rack Server - AMD EPYC™ 8005/8004 Server Processors - 2U UP 3 x PCIe Gen5 GPUs Platinum PSU



## Key Features

- Supports up to 3 x dual-slot Gen5 GPUs
- Single AMD EPYC™ 8005/8004 Server Processors
- 6-Channel DDR5 RDIMM per CPU with 12 x DIMMs
- 1 x 1 Gb/s LAN port via Intel® I210-AT
- 12 x 3.5"/2.5" SATA/SAS-4 hot-swap bays
- 1 x M.2 slot with PCIe Gen3 x4
- 3 x FHFL PCIe x16 slots with Gen5 x16 lanes for GPU
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 2400 W 80 PLUS Platinum redundant power supplies

## Applications

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

## Specification

<b>Dimensions</b>	2U (W438 x H87.5 x D710 mm)	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.2 Gen1 <b>Rear:</b> 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
<b>Motherboard</b>	ME33-DC0	<b>Backplane Board</b>	SATA 6 Gb/s or SAS-4 24 Gb/s
<b>CPU</b>	AMD EPYC™ 8005 Server Processors AMD EPYC™ 8004 Server Processors Single processor, cTDP up to 225 W	<b>TPM</b>	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
<b>OS Compatibility</b>	<a href="#">OS Support List</a>	<b>Power Supply</b>	1+1 2400 W 80 PLUS Platinum redundant power supplies AC Input: 100-240 V  *The system power supply requires C19 power cord.
<b>Socket</b>	1 x LGA 4844 (Socket SP6)	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
<b>Chipset</b>	System on Chip	<b>System Fans</b>	4 x 80x80x38mm
<b>Memory</b>	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)	<b>Operating Properties</b>	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>LAN</b>	1 x 1 Gb/s LAN (1 x Intel® I210-AT), Supports NCSI 1 x 10/100/1000 Mb/s Management LAN	<b>Packaging Content</b>	1 x R243-E33-AAF1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 2 x GPU power cables (16-pin, 360mm) 1 x GPU power cable (16-pin, 490mm) 1 x 2-Section Rail kit
<b>Video</b>	Integrated in ASPEED® AST2600 - 1 x Mini-DP	<b>Ordering Part Numbers</b>	6NR243E33DR000AAF1*
<b>Storage</b>	<b>Front hot-swap:</b> 12 x 3.5"/2.5" SATA/SAS-4 [1] <b>Internal M.2:</b> 1 x M.2 (2280/22110), PCIe Gen3 x4  [1] SAS card is required to support SAS drives.	<b>Optional Parts</b>	- 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R
<b>RAID</b>	Require RAID add-in cards		
<b>PCIe Expansion Slots</b>	3 x FHFL x16 (Gen5 x16), for GPUs 2 x OCP NIC 3.0 (Gen5 x16), Support NCSI		



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

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