GIGABYTE™

R265-DG0-AS1

Rack Server - AMD EPYC™ 9006 SP7 Server Processors - 2U UP, 2 x PCIe Gen6 GPUs

Key Features

- Supports DC-SCM for modular BMC deployment
- Supports up to 2 x dual-slot PCIe Gen6 GPUs
- Single AMD EPYC™ 9006 SP7 Server processors
- 16-Channel DDR5 RDIMM/MRDIMM per CPU with 16 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen4 x2
- 2 x FHFL PCIe x16 slots with Gen6 x16 lanes for GPUs
- 1 x FHHL PCIe x16 slot with Gen6 x16 lanes
- 2 x FHHL PCIe x8 slots with Gen6 x8 lanes
- 2 x 3200 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U (W438 x H87.5 x D850 mm)
Motherboard	MDG5-GU0
CPU	AMD EPYC™ 9006 SP7 Server processors Single processor, PPT up to 600 W
Socket	1 x LGA 7536 (Socket SP7)
Chipset	Integrated into SoC
Memory	16-Channel DDR5 RDIMM/MRDIMM, 16 x DIMMs [RDIMM] Up to 8000 MT/s [MRDIMM] Up to 12800 MT/s [1] [1] MRDIMMs are supported only on select CPU SKUs.
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x Management LAN
Video	Integrated in ASPEED® AST2700 - 1 x Mini-DP
Storage	**Front hot-swap:** 8 x 3.5"/2.5" Gen5 NVMe**/SATA/SAS-4** [1] **Internal M.2:** 2 x M.2 (2280/22110), PCIe Gen4 x2 [1] Storage card(s) required to support SATA and SAS drives.
PCIe Expansion Slots	2 x FHFL x16 (Gen6 x16), for GPUs 1 x FHHL x16 (Gen6 x16) 2 x FHHL x8 (Gen6 x8)
I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x RJ45, 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Power Supply	2 x 3200 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
System Fans	4 x 80x80x80mm
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)
Packaging Content	1 x R265-DG0-AS1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 2 x GPU power cables (16-pin, 250 mm) 1 x 2-Section Rail kit
Ordering Part Numbers	6NR265DG0HR000AS1*
Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-A5JH00-K0R - Cable Management Arm: 25HB2-2AA700-K0R

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

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