

R265-DG2-AJ1

Rack Server - AMD EPYC™ 9006 SP7 Server Processors -
2U UP 16-Bay Gen5 NVMe/SATA/SAS-4



Key Features

- Supports DC-SCM
- 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
- 16 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen4 x2
- 1 x FHFL PCIe x16 slot with Gen6 x16 lanes
- 2 x FHHL PCIe x8 slots with Gen6 x8 lanes
- 2 x 2000 W 80 PLUS Titanium redundant power supplies

Applications

Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U (W438 x H87.5 x D850 mm)	PCIe Expansion Slots	1 x FHFL x16 (Gen6 x16) 2 x FHHL x8 (Gen6 x8)
Motherboard	MDG5-GU0	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
CPU	AMD EPYC™ 9006 SP7 Server processors Single processor, PPT up to 600 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Socket	1 x LGA 7536 (Socket SP7)	Power Supply	2 x 2000 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V
Chipset	Integrated into SoC	System Fans	4 x 80x80x80mm
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.	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)
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x Management LAN	Packaging Content	1 x R265-DG2-AJ1 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit
Video	Integrated in ASPEED® AST2700 - 1 x Mini-DP	Ordering Part Numbers	6NR265DG2HR000AJ1*
Storage	Front hot-swap: 16 x 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.	Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-A5JH00-K0R - Cable Management Arm: 25HB2-2AA700-K0R

