R263-Z39-AAJ2

Rack Server - 2U UP 16-Bay E3.S Gen5 NVMe + 4-Bay E3.S 2T CXL

AMD EPYC

Key Features

- Single AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 12 x DIMMs
- Dual ROM Architecture
- 1 x 1Gb/s LAN port via Intel® I210-AT
- 16 x E3.S Gen5 NVMe hot-swap bays
- 4 x E3.S 2T bays for CXL memory expansion modules
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 1 x FHHL PCIe Gen5 x16 slot
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U (W438 x H87.5 x D710 mm)	PCIe Expansion Slots	1 x FHHL PCIe Gen5 x16 1 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
Motherboard	MZ33-DC1	I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Single processor, cTDP up to 500W		
OS Compatibility	OS Support List	Backplane Board	PCIe Gen5 x4
Socket	1 x LGA 6096 (Socket SP5)	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012
Chipset	System on Chip	Power Supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Memory	12-Channel DDR5 RDIMM, 12 x DIMMs [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s **CXL memory expansion module:** 4 x E3.S 2T (Gen5 x8)	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
		System Fans	4 x 80x80x56mm
LAN	1 x 1Gb/s LAN (1 x Intel® I210-AT), Support NCSI 1 x 10/100/1000 Mbps 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-Z39-AAJ2 1 x CPU heatsink 1 x Mini-DP to D-Sub cable 1 x 2-Section Rail kit
Storage	**Front hot-swap:** 16 x E3.S Gen5 NVMe **Internal M.2:** 1 x M.2 (2280/22110), PCIe Gen3 x4	Ordering Part Numbers	6NR263Z39DR000ACJ2*
RAID	Require RAID add-in cards	Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-A56120-K0R - Cable Management Arm: 25HBZ-R18100-K0R