

R262-ZA2 (Rev. A00)

Rack Server - AMD EPYC™ 7003 Series Processors -
2U UP 2 x PCIe Gen4 GPUs



Key Features

- **NVIDIA-Certified Systems™ - Data Center Servers**
- Hardware-level root of trust support
- Supports up to 2 x dual-slot PCIe Gen4 GPUs
- Single AMD EPYC™ 7003 Series processors
- 8-Channel DDR4 RDIMM/LRDIMM per CPU with 16 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 4 x 3.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 8 x 3.5" SATA/SAS hot-swap bays **(optional)**
- 2 x 2.5" SATA/SAS hot-swap bays on the rear side
- 1 x M.2 slot with PCIe Gen4 x4
- 4 x FHFL PCIe Gen4 x16 and x8 slots
- 1 x FHHL PCIe Gen4 x16 slot
- 1 x FHHL PCIe Gen3 x16 or x8 slot
- 2 x LP PCIe Gen4 x8 slots
- 1 x OCP NIC 3.0 PCIe Gen4 x16 slot
- 1 x OCP 2.0 PCIe Gen3 x8 mezzanine slot
- 1+1 1600 W 80 PLUS Platinum redundant power supplies **(-A00)**
- 1+1 1600 W 80 PLUS Titanium redundant power supplies **(-A00)**

Specification

Dimensions	2U (W438 x H87.5 x D730 mm)	PCIe Expansion Slots	2 x FHFL x16 (Gen4 x16 or x8), for GPUs 2 x FHFL x8 (Gen4 x0 or x8) 1 x FHHL x16 (Gen4 x16) 1 x FHHL x16 (Gen3 x16 or x8), shared with OCP 2.0 slot 2 x LP x8 (Gen4 x8) 1 x OCP NIC 3.0 (Gen4 x16) 1 x OCP 2.0 mezzanine (Gen3 x8)
Motherboard	MZA2-CE0	I/O Ports	Front: 2 x USB 3.0 Rear: 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
CPU	AMD EPYC™ 7003 Series processors AMD EPYC™ 7002 Series processors Single processor, cTDP up to 240 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Socket	1 x LGA 4094 (Socket SP3)	Power Supply	1+1 1600 W 80 PLUS Platinum redundant power supplies (-A00) 1+1 1600 W 80 PLUS Titanium redundant power supplies (-A00) AC Input: 100-240 V
Chipset	System on Chip	System Fans	4 x 80x80x38mm
Memory	8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs Up to 3200/2933 MT/s	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	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x R262-ZA2 1 x CPU heatsink 1 x GPU power cable (8pin to 2*8pin, 350 mm) 1 x GPU power cable (8pin to 2*8pin, 480 mm) 1 x 2-Section Rail kit
Video	Integrated in ASPEED® AST2500 - 1 x VGA port	Ordering Part Numbers	6NR262ZA2MR-00-A*
Storage	Front hot-swap: 4 x Gen4 NVMe/SATA/SAS ^[1] 8 x SATA/SAS, enabled by optional SAS cards ^[1] Rear hot-swap: 2 x 2.5" SATA/SAS ^[1] Internal M.2: 1 x M.2 (2280/22110), PCIe Gen4 x4 ^[1] SAS card is required to enable the drive bays.	Optional Parts	- 3-Section Rail kit (Supports CMA): 25HB2-AA6105-K0R - Cable Management Arm: 25HB1-R18300-K0R
RAID	Depends on SAS add-in cards		



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

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