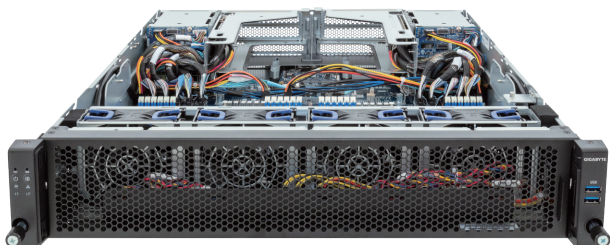


E283-Z91-AAV1

Edge Server - 2U DP 4-Bay SATA/SAS4



Key Features

- Dual AMD EPYC™ 9005/9004 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" SATA/SAS-4 hot-swap bays on the rear side
- 2 x M.2 slots with PCIe Gen3 x4 and x2 interface
- 6 x FHHL PCIe Gen5 x16 slots
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 1600W 80 PLUS Titanium redundant power supply

Application

Networking, Edge, Hybrid/Private Cloud Server...

Specification

Dimensions	2U (W438 x H87.5 x D625 mm)	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 2 x Mini-DP, 1 x RJ45, 1 x MLAN
Motherboard	MZ93-FS1	Backplane Board	Speed and bandwidth: SATA 6Gb/s or SAS-4 24Gb/s
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processors, cTDP up to 400W - cTDP up to 500W with optional heatsink	Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM010
Socket	2 x LGA 6096 (Socket SP5)	Power Supply	Dual 1600W 80 PLUS Titanium redundant power supply AC Input: 100-240V
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	24-Channel DDR5 RDIMM 12 x DIMM slots [EPYC 9005] Up to 6000 MT/s [EPYC 9004] Up to 4800 MT/s	OS Support	Windows Server, Red Hat Enterprise Linux server, Ubuntu, SUSE Linux Enterprise server, VMware ESXi, Citrix Hypervisor
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2) - Supports NCSI function 1 x 10/100/1000 Mbps Management LAN	System Fans	4 x 80x80x38mm (18,300rpm)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Storage	Rear hot-swap: 4 x 2.5" SATA/SAS-4 *SAS card is required to support SAS drives. Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280/22110), PCIe Gen3 x2	Packaging Content	1 x E283-Z91-AAV1, 2 x CPU heatsinks, 1 x Mini-DP to D-Sub cable Packaging Dimensions: 982 x 588 x 268 mm
RAID	Require RAID add-in cards	Part Numbers	Barebone package: 6NE283Z91DR000ACV1* Optional parts: - 2-Section Rail kit (385-480mm): 25HB2-3A0204-K0R - 2-Section Rail kit (660-840mm): 25HB2-3A0203-K0R - CPU heatsink (500W): 25ST1-563400-C1R - RMA packaging: 6NE283Z91SR-RMA-A100
Expansion Slots	6 x FHHL PCIe Gen5 x16 slots 2 x OCP NIC 3.0 PCIe Gen5 x16 slots - Supports NCSI function		



Learn more at <https://www.GIGABYTE.com/enterprise>

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