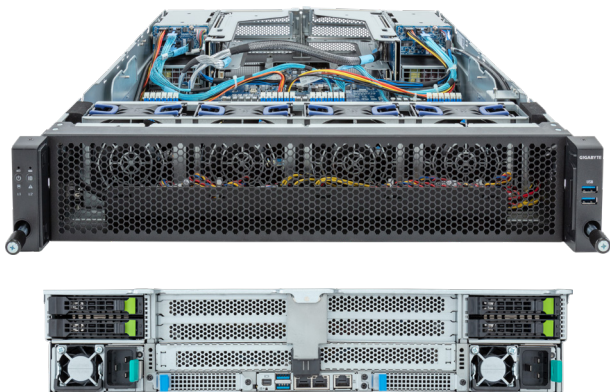


# E283-Z90-AAD1

## 2U DP 4-Bay NVMe/SATA/SAS Edge Server



### Features

- AMD EPYC™ 9004 series processor family
- Dual processors, 5nm technology
- 12-Channel RDIMM DDR5, 24 x DIMMs
- Dual ROM Architecture supported
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x dedicated management port
- 4 x 2.5" Gen4 NVMe/SATA hot-swappable bays on rear side
- 2 x Ultra-Fast M.2 with PCIe Gen3 interface
- 6 x FHHL PCIe Gen5 expansion slots
- 2 x OCP 3.0 Gen5 x16 mezzanine slots
- Dual 1600W (240V) 80 PLUS Platinum redundant power supply

### Specification

<b>Dimensions</b>	2U (W438 x H87 x D625 mm)	<b>Backplane I/O</b>	PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s on rear side
<b>Motherboard</b>	MZ93-FS0	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
<b>CPU</b>	AMD EPYC™ 9004 series processor Dual processors, 5nm technology, cTDP up to 400W Up to 96-core, 192 threads per processor 2 x LGA 6096 Socket SP5	<b>Power Supply</b>	Dual 1600W 80 PLUS Platinum redundant power supply AC Input: 100-240V
<b>Chipset</b>	System on Chip	<b>System Management</b>	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Memory</b>	24 x DIMM slots 12-Channel DDR5 memory, up to 4800 MHz RDIMM modules up to 128GB supported 3DS RDIMM modules up to 256GB supported	<b>OS Compatibility</b>	Windows Server 2019 / 2022 RHEL 8.4 / 8.5 / 8.6 / 8.7 / 9 / 9.1 (x64) SLES 15 SP3 / 15 SP3 SP4 (x64) Ubuntu 22.04 LTS / 22.04.1 LTS (x64) VMware ESXi 7.0 Update 3i / ESXi 8.0 Citrix Hypervisor 8.2.1
<b>LAN</b>	2 x 1GbE LAN ports (intel I350-AM2) - Supported NCSI function 1 x 10/100/1000 management LAN	<b>System Fans</b>	4 x 80x80x38mm (18,300rpm)
<b>Video</b>	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200 @60Hz 32bpp, DDR4 SDRAM	<b>Operating Properties</b>	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)
<b>Storage</b>	4 x 2.5" Gen4 NVMe/SATA/SAS hot-swappable bays on rear side SAS card is required for SAS devices support	<b>Packaging Content</b>	1 x E283-Z90, 2 x CPU heatsinks
<b>Expansion Slots</b>	4 x PCIe Gen5 x16 FHHL slots 2 x PCIe Gen5 x8 FHHL slots 2 x PCIe Gen5 x16 OCP 3.0 slots - Supporte NCSI function 1 x M.2 slot (M-key, PCIe Gen3 x4, NGFF-2280/22110) 1 x M.2 slot (M-key, PCIe Gen3 x2, NGFF-2280/22110)	<b>Reference Numbers</b>	Barebone package: 6NE283Z90DR000AAD1* - Motherboard: 9MZ93FS0UR-000 - CPU heatsink: 25ST1-15320G-A0R - Back plane board_2-port_2.5": 9CBP2022NR-00 - Mini-DP to D-Sub cable: 25CRN-200801-K1R - Power supply: 25EP0-216008-L0S
<b>Front I/O</b>	2 x USB 3.2 Gen1		
<b>Rear I/O</b>	2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN		



Learn more about GIGABYTE server, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

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