**E263-Z30-AAD1**

2U UP Short Depth Edge Server

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**Features**

- Supports up to 2 x double slot Gen5 GPU cards
- AMD EPYC™ 9004 series processor family
- Single processor, 5nm technology
- 12-Channel RDIMM DDR5, 12 x DIMMs
- Dual ROM Architecture supported
- 1 x 1Gb/s LAN ports (Intel® I210-AT)
- 1 x Dedicated management port
- 2 x 2.5” Gen4 NVMe/ SATA hot-swappable bays
- Ultra-Fast M.2 with PCIe Gen3 x4 interface
- 2 x PCIe Gen5 x16 expansion slots
- 2 x OCP 3.0 Gen5 x16 mezzanine slots
- Dual 1600W 80 PLUS Platinum redundant power supply

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**Specification**

### Dimensions
- 2U (W438 x H87.5 x D520 mm)

### Motherboard
- MZ33-DC0

### CPU
- AMD EPYC™ 9004 series processor
- Single processor, 5nm technology, cTDP up to 320W
- Up to 96-core, 192 threads per processor
- 1 x LGA 6096 Socket SP5

### Chipset
- System on Chip

### Memory
- 12 x DIMM slots
- 12-Channel DDR5 memory, up to 4800 MHz
- RDIMMs up to 128GB supported
- 3DS RDIMMs up to 256GB supported

### LAN
- 1 x 1Gb/s LAN ports (1 x Intel® I210-AT)
- Supported NCSI function
- 1 x 10/100/1000 management LAN

### Video
- Integrated in Aspeed AST2600
- 2D Video Graphic Adapter with PCIe bus interface
- 1920x1200@60Hz 32bpp, DDR4 SDRAM

### Storage
- 2 x 2.5” Gen4 NVMe/ SATA/ SAS hot-swappable bays
- SAS card is required for SAS devices support

### Expansion Slots
- 2 x PCIe Gen5 x16 FHFL 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)

### Front I/O
- 2 x USB 3.2 Gen1

### Rear I/O
- 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x RJ45, 1 x MLAN

### Backplane I/O
- PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s

### TPM
- 1 x TPM header with SPI interface
- Optional TPM2.0 kit: CTM010

### Power Supply
- Dual 1600W 80 PLUS Platinum redundant power supply
- AC Input: 100-240V

### System Management
- Aspeed® AST2600 management controller
- GIGABYTE Management Console (AMI MegaRAC SP-X)

### OS Compatibility
- Windows Server 2019 / 2022
- RHEL 8.6 / 9 (x64) or later
- SLES 15 SP4 (x64) or later
- Ubuntu 20.04.5 LTS / 22.04 LTS (x64) or later
- VMware ESXi 7 P05 / 8 or later
- Citrix Hypervisor 8.2.1 or later

### System Fans
- 4 x 80x80x38mm (18,300rpm)

### 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)

### Packaging Content
- 1 x E263-Z30
- 1 x CPU heatsink

### Reference Numbers
- Barebone package: 6NE263Z30DR000AAD1*
- Motherboard: 9MZ33DC0UR-000
- CPU heatsink: 25ST1-563201-M1R
- Back plane board: 9GBP2022NF-00
- Mini-DP to D-Sub cable: 25CRN-200801-K1R
- Power supply: 25EPO-216008-LO5

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