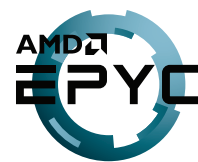


# H273-Z80-AAN1

## AMD EPYC 9004 DP 2U 4-Node Server



### Features

- 2U 4-node rear access server system
- AMD EPYC™ 9004 series processor family
- Dual processors per node, 5nm technology
- 12-Channel RDIMM DDR5 per processor, 96 x DIMMs
- Dual ROM Architecture supported
- 8 x 1Gb/s LAN ports (Intel® I350-AM2)
- 4 x dedicated management ports
- 24 x 2.5" Gen4 NVMe/ SATA hot-swappable bays
- 4 x M.2 with PCIe Gen4 x4 interface (optional)
- 8 x Low profile PCIe Gen5 x16 expansion slots
- 4 x OCP 3.0 Gen5 x16 mezzanine slots
- Dual 2600W (240V) 80 PLUS Titanium redundant power supply

### Specification

<b>Dimensions</b>	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)	<b>Rear I/O</b>	8 x USB 3.2 Gen1, 4 x Mini-DP, 8 x RJ45, 4 x RJ45 MLAN
<b>Motherboard</b>	MZ83-HD0	<b>Backplane I/O</b>	PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s
<b>CPU</b>	AMD EPYC™ 9004 Series processors Dual processors, 5nm technology Up to 96-core, 192 threads per processor Supports CPU 240W at ambient 30°C 8 x LGA 6096 Socket SP5	<b>TPM</b>	1 x TPM header with SPI (Optional TPM2.0 kit: CTM010)
<b>Chipset</b>	System on Chip	<b>Power Supply</b>	Dual 2600W 80 PLUS Titanium power supply AC Input: 100-240V
<b>Memory</b>	Total 96 x DIMM slots (24 x DIMM slots per node) 12-Channel DDR5 memory, up to 4800 MHz RDIMM modules up to 128GB supported 3DS RDIMM modules up to 256GB supported	<b>System Management</b>	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>LAN</b>	8 x 1GbE LAN ports (1 x Intel® I350-AM2) Supported NCSI function 4 x dedicated management ports	<b>OS Compatibility</b>	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
<b>Video</b>	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM  Management chip on CMC board: Integrated in Aspeed AST2520A2-GP	<b>System Fans</b>	4 x 80x80x80mm (16,500rpm)
<b>Storage</b>	24 x 2.5" Gen4 NVMe/ SATA/ SAS hot-swappable SSD bays SAS card is required for SAS devices support	<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>Expansion Slots</b>	8 x PCIe Gen5 x16 low-profile slots 4 x OCP 3.0 mezzanine slot (Gen5 x16) *4 x M.2 slots (M-key, PCIe Gen4 x4, NGFF-2280/22110) *Optional kit for M.2 extension riser card	<b>Packaging Content</b>	1 x H273-Z80, 8 x CPU heatsinks, 1 x Rail Kit
		<b>Reference Numbers</b>	Barebone package: 6NH273Z80DR000AAN1* - Motherboard: 9MZ83HD0UR-000 - Rail kit: 25HB2-A66125-K0R - CPU heatsink: 25ST1-25320N-M1R/ 25ST1-25320Q-M1R - M.2 extension riser card: 9CMTP192NR-00 (optional) - Power Supply: 25EP0-226000-G1S



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

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