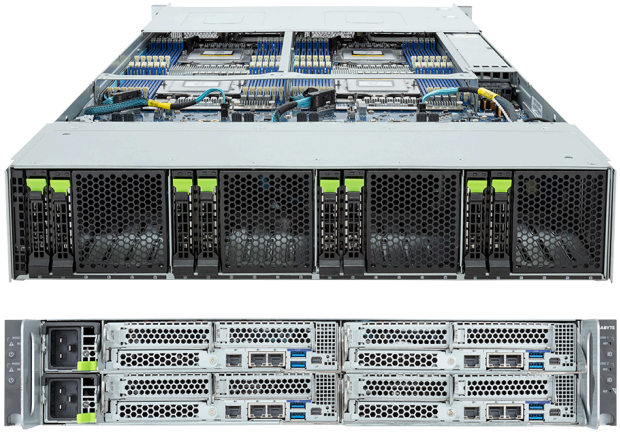
GIGABYTE™

H273-Z82-IAW1

High Density Server - 2U 4-Node DP 8-Bay Gen4 NVMe/SATA/SAS Immersion



Key Features

- Immersion Cooling Server
- 2U 4-node front access server system
- Dual AMD EPYC™ 9004 Series Processors per node
- 12-Channel DDR5 RDIMM, 24 x DIMMs per node
- Dual ROM Architecture
- 8 x 1Gb/s LAN ports via Intel® I350-AM2
- 8 x 2.5" Gen4 NVMe/SATA/SAS bays
- 4 x M.2 slots with PCIe Gen4 x4 interface **(optional)**
- 4 x LP PCIe Gen5 x16 slots
- 4 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 3000W 80 PLUS Titanium redundant power supply

Applications

High Converged Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U 4-Node - Front access (W440 x H87.5 x D877 mm)
Motherboard	MZ83-HD0
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor per node, cTDP up to 400W
OS Compatibility	OS Support List
Socket	8 x LGA 6096 (Socket SP5)
Chipset	System on Chip
Memory	12-Channel DDR5 RDIMM, 96 x DIMMs Up to 4800 MT/s
LAN	8 x 1Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP
Storage	**Bottom:** 8 x 2.5" Gen4 NVMe/SATA/**SAS** [1] **Optional internal M.2:** 4 x M.2 (2280/22110), PCIe Gen4 x4 [1] SAS card is required to support SAS drives.
RAID	Require RAID add-in cards

PCIe Expansion Slots	4 x LP PCIe Gen5 x16 4 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
I/O Ports	**Top:** 8 x USB 3.2 Gen1, 4 x Mini-DP, 8 x RJ45, 4 x MLAN, 1 x CMC status LED, 1 x CMC reset button
Backplane Board	PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s
TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Power Supply	Dual 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
Operating Properties	Operating coolant temperature: 25°C to 35°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x H273-Z82-IAW1 8 x CPU heatsinks 1 x Mini-DP to D-Sub cable
Ordering Part Numbers	6NH273Z82DR000IBW1*
Optional Parts	- M.2 expansion card - CMTP192: 6NH273Z82S1000IAW11 **(12-in-1)**

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

* All specifications are subject to change without notice. Please visit our website for the latest information.
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