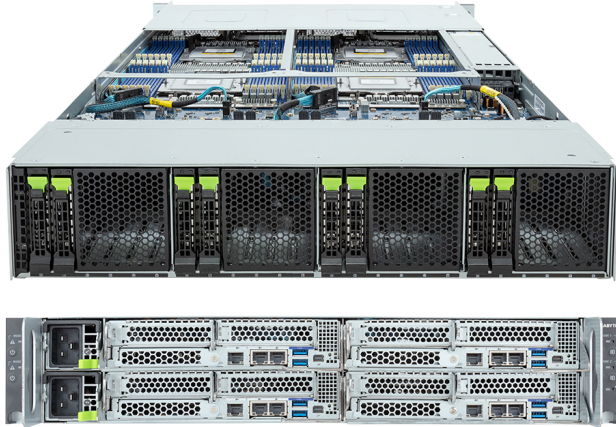
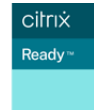


H273-Z82-IAW1 (Rev. 1.x)

High Density Server - AMD EPYC™ 9004 Server Processors -
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 Server processors per node
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs per node
- 8 x 1 Gb/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 **(optional)**
- 4 x LP PCIe x16 slots with Gen5 x16 lanes
- 4 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 3000 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U 4-Node - Front access (W440 x H87.5 x D877 mm)	PCIe Expansion Slots	4 x LP x16 (Gen5 x16) 4 x OCP NIC 3.0 (Gen5 x16), Support NCSI
Motherboard	MZ83-HD0	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
CPU	AMD EPYC™ 9005 Server processors AMD EPYC™ 9004 Server processors Dual processors per node, cTDP up to 400 W	Backplane Board	PCIe Gen4 x4 or SATA 6 Gb/s or SAS 12 Gb/s
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Socket	8 x LGA 6096 (Socket SP5)	Power Supply	Dual 3000 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM, 96 x DIMMs Up to 4800 MT/s	Operating Properties	Operating coolant temperature: 25°C to 35°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	8 x 1 Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x H273-Z82-IAW1 8 x CPU heatsinks 1 x Mini-DP to D-Sub cable
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP	Ordering Part Numbers	6NH273Z82DR000IBW1*
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.	Optional Parts	- M.2 expansion card - CMT192: 6NH273Z82S1000IAW11 (12-in-1)
RAID	Require RAID add-in cards		



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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Last updated: Sep 17, 2026

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