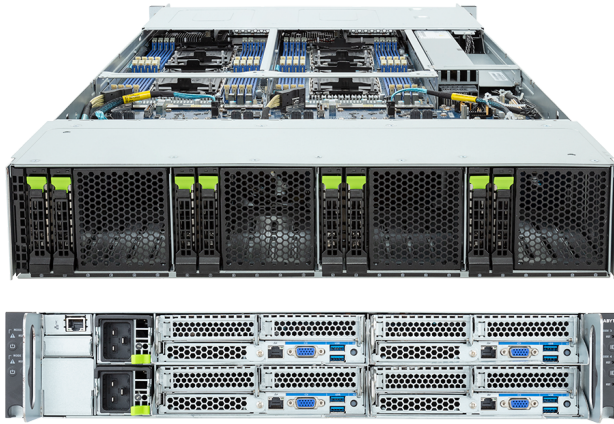


H263-S64-IAW1

High Density Server - 5th/4th Gen Intel® Xeon® Scalable -
2U 4-Node DP, 8-Bay Gen4 NVMe/SATA/SAS, Immersion



Key Features

- Immersion Cooling Server
- 2U 4-node server system
- Dual 5th/4th Gen Intel® Xeon® Scalable processors per node
- Dual Intel® Xeon® CPU Max Series per node
- 8-Channel DDR5 RDIMM per CPU with 16 x DIMMs per node
- 1 x Chassis Management LAN port
- 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-Performance Computing Server, High Converged Server...

Specification

Dimensions	2U 4-Node (W440 x H87.5 x D850 mm)	RAID	Intel® SATA RAID 0/1 Onboard VROC key header Support optional RAID add-in cards
Motherboard	MS63-HD1	PCIe Expansion Slots	4 x LP x16 (Gen5 x16) 4 x OCP NIC 3.0 (Gen5 x16), Support NCSI
CPU	5th Generation Intel® Xeon® Scalable processors 4th Generation Intel® Xeon® Scalable processors Intel® Xeon® CPU Max Series Dual processors per node, TDP up to 350 W	I/O Ports	Top: 8 x USB 3.2 Gen1, 4 x VGA, 4 x MLAN, 1 x CMC port, 1 x CMC status LED, 1 x CMC reset button
OS Compatibility	OS Support List	Backplane Board	PCIe Gen4 x4 or SATA 6 Gb/s or SAS 12 Gb/s
Socket	8 x LGA 4677 (Socket E)	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Chipset	Intel® C741	Power Supply	Dual 3000 W 80 PLUS Titanium redundant power supplies Available for 2+1 redundant configuration (optional) AC Input: 100-240 V *The system power supply requires C19 power cord.
Memory	8-Channel DDR5 RDIMM, 64 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s [4th Gen Intel Xeon] Up to 4800 MT/s [Intel Xeon Max Series] Up to 4800 MT/s	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
LAN	4 x 10/100/1000 Mb/s Management LAN 1 x Chassis Management LAN ^[1] ^[1] Please refer to optional parts for ring topology support.	Operating Properties	Operating coolant temperature: 25°C to 35°C Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 x 4 - 4 x VGA ports	Packaging Content	1 x H263-S64-IAW1 8 x CPU heatsinks 24 x CPU carriers
Storage	Front hot-swap: 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.	Ordering Part Numbers	6NH263S64DR000IBW1*
		Optional Parts	- M.2 riser card - CMTPO61: 6NH263S64S1000IAW11 - Ring topology kit (10-kit package): 6NH263S62S1000AAN11



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 10, 2026

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