

H263-S63-AAN1

High Density Server - 5th/4th Gen Intel® Xeon® Scalable Processors -
2U 4-Node DP, 8-Bay Gen4 NVMe/SATA/SAS, 2600 W



Key Features

- 2U 4-node rear access server system
- Dual 5th/4th Gen Intel® Xeon® Scalable processors per node
- 8-Channel DDR5 RDIMM per CPU with 16 x DIMMs per node
- 1 x CMC port
- 8 x 2.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 4 x M.2 slots with PCIe Gen4 x4 (**optional**)
- 8 x LP PCIe x16 slots with Gen5 x16 lanes
- 4 x LP PCIe x16 slots with Gen5 x16 lanes (**optional**)
- 4 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 2600 W 80 PLUS Titanium redundant power supplies

Applications

High-Performance Computing Server, High Converged Server...

Specification

Dimensions	2U 4-Node - Rear access (W440 x H87.5 x D850 mm)	PCIe Expansion Slots	8 x LP x16 (Gen5 x16) 4 x LP x16 (Gen5 x16) (optional) 4 x OCP NIC 3.0 (Gen5 x16), Support NCSI
Motherboard	MS63-HD1	I/O Ports	Front: 1 x CMC status LED, 1 x CMC reset button Rear: 8 x USB 3.2 Gen1, 4 x VGA, 4 x MLAN, 1 x CMC port
CPU	5th Generation Intel® Xeon® Scalable processors 4th Generation Intel® Xeon® Scalable processors Dual processors per node, TDP up to 225 W - With 1 x LP and no OCP card at 30°C ambient, TDP up to 270 W - With 2 x LP and no OCP card at 25°C ambient, TDP up to 270 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 4677 (Socket E)	Power Supply	Dual 2600 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.
Chipset	Intel® C741	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
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	System Fans	8 x 80x80x38mm
LAN	4 x 10/100/1000 Mbps Management LAN 1 x CMC Management LAN ^[1] ^[1] Please refer to optional parts for ring topology support.	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) 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-S63-AAN1 8 x CPU heatsinks 24 x CPU carriers 1 x 3-Section Rail kit
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	6NH263S63DR000ABN1*
RAID	Intel® SATA RAID 0/1 Onboard VROC key header Support optional RAID add-in cards	Optional Parts	- M.2 riser card - CMTP061: 9CMTP061NR-00* - Riser card - CRSH310: 9CRSH310NR-00* - Ring topology kit (10-kit package): 6NH263S62S1000AAN11



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

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