GIGABYTE™

H263-S62-AAN1

High Density Server - 2U 4-Node DP 24-Bay Gen4 NVMe/SATA/SAS 2600W



Key Features

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

Applications

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

Specification

Dimensions	2U 4-Node - Rear access (W440 x H87.5 x D850 mm)
Motherboard	MS63-HD1
CPU	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Dual processor per node, TDP up to 225W
OS Compatibility	OS Support List
Socket	8 x LGA 4677 (Socket E)
Chipset	Intel® C741
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
LAN	4 x 10/100/1000 Mbps Management LAN 1 x CMC Management LAN
Video	Integrated in ASPEED® AST2600 x 4 - 4 x VGA ports
Storage	**Front hot-swap:** 24 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	Intel® SATA RAID 0/1/10/5 Onboard VROC key header

PCIe Expansion Slots	8 x LP PCIe Gen5 x16 4 x **Optional** LP PCIe Gen5 x16 4 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
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
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 2600W 80 PLUS Titanium redundant power supply Available for 2+1 redundant power supply configuration **(optional)** 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
System Fans	8 x 80x80x38mm
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)
Packaging Content	1 x H263-S62-AAN1 8 x CPU heatsinks 24 x Carriers 1 x 3-Section Rail kit
Ordering Part Numbers	6NH263S62DR000ABN1*
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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