

H262-Z63 (Rev. A00)

High Density Server - AMD EPYC™ 7003/7002 - 2U 4-Node DP 8-Bay Gen3 NVMe/SATA



Key Features

- 2U 4-node rear access server system
- Dual AMD EPYC™ 7003/7002 Series Processors per node
- 8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs per node
- 8 x 1Gb/s LAN ports via Intel® I350-AM2
- 1 x CMC port
- 8 x 2.5" Gen3 NVMe/SATA hot-swap bays
- 8 x M.2 slots with PCIe Gen3 x4 interface
- 8 x LP PCIe Gen4 x16 slots
- 4 x OCP 2.0 Gen3 x16 mezzanine slots
- Dual 2200 W 80 PLUS Platinum redundant power supplies

Applications

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

Specification

Dimensions	2U 4-Node - Rear access (W440 x H87.5 x D840 mm)	I/O Ports	Front: 1 x CMC status LED Rear: 8 x USB 3.0, 4 x VGA, 8 x RJ45, 4 x MLAN, 1 x CMC port
Motherboard	MZ62-HD0 Rev. 3.0	Backplane Board	PCIe Gen4 x4 or SATA 6 Gb/s or SAS 12 Gb/s
CPU	AMD EPYC™ 7003 Series Processors AMD EPYC™ 7002 Series Processors Dual processor per node, cTDP up to 240 W - At 25°C ambient, cTDP up to 280 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Socket	8 x LGA 4094 (Socket SP3)	Power Supply	Dual 2200 W 80 PLUS Platinum redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Management	ASPEED® AST2500 Baseboard Management Controller ASPEED® AST2520 Chassis Management Controller GIGABYTE Management Console web interface
Memory	8-Channel DDR4 RDIMM/LRDIMM, 64 x DIMMs Up to 3200 MT/s	System Fans	8 x 80x80x38mm
LAN	8 x 1 Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mb/s Management LAN 1 x CMC port	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® AST2500 x 4 - 4 x VGA ports	Packaging Content	1 x H262-Z63 8 x CPU heatsinks 1 x 3-Section Rail kit
Storage	Front hot-swap: 8 x 2.5" Gen3 NVMe/SATA Internal M.2: 8 x M.2 (2242/2260/2280/22110), PCIe Gen3 x4 ^[1] ^[1] CPU TDP is limited to 155 W when using M.2 drives.	Ordering Part Numbers	6NH262Z63MR-00-A*
RAID	Require RAID add-in cards	Optional Parts	- C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - M.2 expansion card - CMTPO4R: 9CMTPO4RNR-00* - Ring topology kit: 6NH262Z65SR-00-100
PCIe Expansion Slots	8 x LP x16 (Gen4 x16) 4 x OCP 2.0 mezzanine (Gen3 x16)(Type1, P1, P2, P3, P4), Support NCSI		



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

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