

H262-N00

High Density Server - DP 2U 4 Nodes Server



Features

- 2U - 4 nodes with rear access to the node trays
- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 64 x DIMMs
- Intel® C621A Express Chipset
- Dual ROM technology supported
- Supports Intel® Optane™ Persistent Memory 200 series
- 8 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2)
- 4 x Dedicated management port
- 1 x CMC global management port
- 24 x 2.5" SATA/SAS/NVMe hot-swappable HDD/SSD bays
- 8 x Low profile PCIe Gen4 expansion slots
- 4 x OCP 2.0 Gen3 x16 mezzanine slots
- 2+0 2200W (240V) 80 PLUS Platinum power supply

Specification

Dimensions	2U 4 Nodes - Rear access (W440 x H87 x D840 mm)	Front I/O	-
Motherboard	MH62-HD	Rear I/O	Total: 8 x USB 3.0, 4 x VGA, 8 x RJ45, 4 x MLAN, 1 x CMC LAN
CPU	3rd Gen Intel® Xeon® Scalable Processors Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor, Intel® Xeon® Silver Processor 10nm technology, CPU TDP up to 270W Total: 8 x LGA 4189 sockets (Socket P+)	Backplane I/O	24 x ports PCIe Gen4 x4 U.2 per port
Chipset	Intel® C621A Express Chipset	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Memory	8-Channel DDR4 memory, total 64 x DIMM slots RDIMM modules up to 64GB supported LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported 1.2V modules: 3200/2933/2666 MHz	Power Supply	2+0 2200W (240V) 80 PLUS Platinum power supply
LAN	8 x 10GbE BASE-T LAN ports (Intel® X710-AT2) 4 x Dedicated management ports 1 x 10/100/1000 CMC global management port	System Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	OS Compatibility	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
Storage	24 x 2.5" SATA/SAS/NVMe hot-swappable bays 4 x SATA DOM	System Fans	8 x 80x80x38mm (16,300rpm)
RAID	Intel® SATA RAID 0/1/5/10 Intel® Virtual RAID On CPU (VROC) RAID 0, 1, 10, 5	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Expansion Slots	4 x Half-length low-profile slot with PCIe x16 (Gen4 x16) 4 x Half-length low-profile slots with PCIe x8 (Gen4 x8) 4 x OCP 2.0 mezzanine slots with PCIe Gen3 x16 bus	Packaging Content	1 x H262-N00, 8 x CPU heatsinks 1 x Rail kit, 1 x VROC module
Internal I/O	Per node: 1 x COM header, 1 x SATA 7-pin connectors, 1 x TPM header, 1 x BMC SGPIO header, 1 x JTAG BMC header, 1 x PLD header, 1 x Clear CMOS jumper, 1 x IPMB connector, 1 x Buzzer	Reference Numbers	Barebone package: 6NH262N00MR-00 - Motherboard: 9MH62HD1NR-00 - VROC module: 25FD0-R181N0-10R - Rail kit: 25HB2-AN6103-K0R - CPU heatsink: 25ST1-253208-F2R/25ST1-253209-F2R - Back plane board: 9CBPH004NR-00 - Power Supply: 25EP0-222003-D0S - C19 type power cord 125V/15A (US): 25CP1-018000-Q0R (optional) - C19 type power cord 250V/16A (EU): 25CP3-01830H-Q0R (optional) - C19 type power cord 250V/15A (US): 25CP1-018300-Q0R (optional) - Ring topology kit: 6NH262Z65SR-00-100 (optional extra)

* All specifications are subject to change without notice. Please visit our website for the latest information.

* Intel, the Intel logo, the Intel Inside logo, Xeon, and Optane are trademarks of Intel Corporation or its subsidiaries.

