

# H274-S61-LAW1

High Density Server - 2U 4-Node DP 8-Bay Gen5 NVMe/SATA/SAS-4 DLC



## Key Features

- Direct liquid cooling solution
- 2U 4-node rear access server system
- Dual Intel® Xeon® 6 Processors per node, LGA 4710
- 8-Channel DDR5 RDIMM / MRDIMM, 16 x DIMMs per node
- Dual ROM Architecture
- 8 x 1Gb/s LAN ports via Intel® I350-AM2
- 8 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x M.2 slots with PCIe Gen4 x4 interface **(optional)**
- 4 x LP PCIe Gen5 x16 slots
- 4 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 3000W 80 PLUS Titanium redundant power supply

## Applications

High-Performance Computing Server, High Converged Server, Servers for Hybrid/Private Cloud...

## Specification

Dimensions	2U 4-Node - Rear access (W440 x H87.5 x D877 mm)	PCIe Expansion Slots	4 x LP PCIe Gen5 x16 4 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
Motherboard	MS64-HD0	I/O Ports	<b>Front:</b> 1 x CMC status LED, 1 x CMC reset button <b>Rear:</b> 8 x USB 3.2 Gen1, 4 x Mini-DP, 8 x RJ45, 4 x MLAN
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700-Series Processors - Intel® Xeon® 6500-Series Processors Dual processor per node, TDP up to 350W at 35°C ambient	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
OS Compatibility	<a href="#">OS Support List</a>	TPM	4 x TPM header (SPI), Optional TPM2.0 kit: CTM012 4 x PRoT connectors (only enabled on RoT SKU)
Socket	8 x LGA 4710 (Socket E2)	Power Supply	Dual 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2620 Chassis Management Controller GIGABYTE Management Console web interface
Memory	8-Channel DDR5 RDIMM / MRDIMM, 64 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8000 MT/s <sup>[1]</sup> <sup>[1]</sup> MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores.	System Fans	4 x 80x80x80mm (16,500rpm)
LAN	8 x 1Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mbps Management LAN	Operating Properties	Operating: 10°C~35°C, 8%~80% (non-condensing) Non-operating: -40°C~60°C, 20%~95% (non-condensing)
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP	Packaging Content	1 x H274-S61-LAW1 8 x CoolIT CPU cold plate loops 1 x Mini-DP to D-Sub cable 16 x Carriers 1 x 3-Section Rail kit
Storage	<b>Front hot-swap:</b> 8 x 2.5" Gen5 NVMe/SATA/SAS-4 <sup>[1]</sup> <b>Internal M.2:</b> 4 x M.2 (2260/2280/22110), PCIe Gen4 x4 <sup>[1]</sup> SAS card is required to support SAS drives.	Ordering Part Numbers	6NH274S61DR000LAW1*
RAID	Require RAID add-in cards Onboard VROC key headers	Optional Parts	- C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R - M.2 riser card - CMTP160: 9CMTP160NR-00* - CoolIT leak sensor board: 6NH274S60S1000LAW10 (QPA:4)



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

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