

# H274-S60-AAW1

High Density Server - 2U 4-Node DP 24-Bay Gen5 NVMe/SATA/SAS-4



## Key Features

- 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
- 24 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x M.2 slots with PCIe Gen4 x4 interface **(optional)**
- 8 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)

Motherboard MS64-HD0

CPU Intel® Xeon® 6 Processors  
 - Intel® Xeon® 6700-Series Processors  
 - Intel® Xeon® 6500-Series Processors  
 Dual processor per node, TDP up to 225W

OS Compatibility [OS Support List](#)

Socket 8 x LGA 4710 (Socket E2)

Chipset System on Chip

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.

LAN 8 x 1Gb/s LAN (4 x Intel® I350-AM2), Support NCSI  
 4 x 10/100/1000 Mbps Management LAN

Video Integrated in ASPEED® AST2600 x 4  
 - 4 x Mini-DP

Storage **Front hot-swap:**  
 24 x 2.5" Gen5 NVMe/SATA/SAS-4 <sup>[1]</sup>  
**Optional internal M.2:**  
 4 x M.2 (2260/2280/22110), PCIe Gen4 x4  
<sup>[1]</sup> SAS card is required to support SAS drives.

RAID Require RAID add-in cards  
 Onboard VROC key headers

PCIe Expansion Slots 8 x LP x16 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 Mini-DP, 8 x RJ45, 4 x MLAN

Backplane Board PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s

TPM 4 x TPM headers (SPI), Optional TPM2.0 kit: CTM012  
 4 x PProT connectors (only enabled on RoT SKU)

Power Supply Dual 3000W 80 PLUS Titanium redundant power supply  
 AC Input: 100-240V  
 \*The system power supply requires C19 power cord.

System Management ASPEED® AST2600 Baseboard Management Controller  
 ASPEED® AST2620 Chassis Management Controller  
 GIGABYTE Management Console web interface

System Fans 4 x 80x80x80mm (16,500rpm)

Operating Properties Operating: 10°C–35°C, 8%–80% (non-condensing)  
 Non-operating: -40°C–60°C, 20%–95% (non-condensing)

Packaging Content 1 x H274-S60-AAW1  
 8 x CPU heatsinks  
 1 x Mini-DP to D-Sub cable  
 16 x Carriers  
 1 x 3-Section Rail kit

Ordering Part Numbers 6NH274S60DR000AAW1\*

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 - CMTTP160: 9CMTTP160NR-00\*



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

\* All specifications are subject to change without notice. Please visit our website for the latest information.  
 \* All trademarks and logos are the properties of their respective holders.

© 2025 Giga Computing Technology Co., Ltd. All rights reserved.

Designed by

