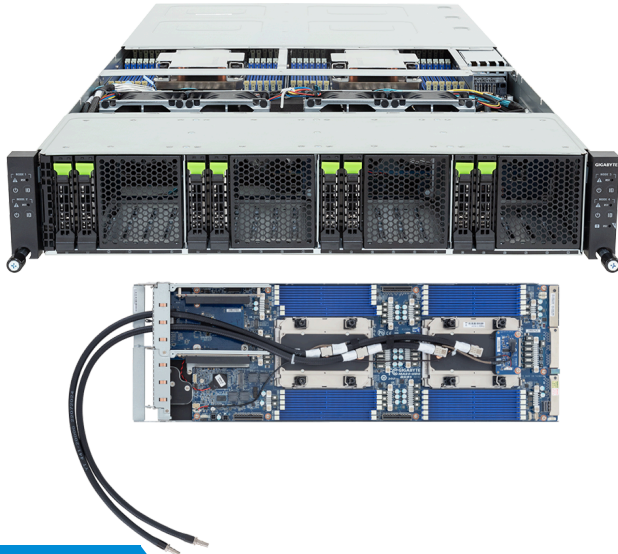


H274-A81-LAZ1

High Density Server - Intel® Xeon® 6900E+/6900-Series Processors -
2U 4-Node DP 8-Bay Gen5 NVMe/SATA/SAS-4 DLC



CoolIT
systems™



Key Features

- Direct liquid cooling solution with leak detection
- 2U 4-node rear access server system
- Dual Intel® Xeon® 6900E+/6900-Series Processors per node
- 12-Channel DDR5 RDIMM/MRDIMM per CPU with 24 x DIMMs per node
- 8 x 1 Gb/s LAN ports via Intel® I350-AM2
- 8 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x LP PCIe x16 slots with Gen5 x16 lanes
- 4 x LP PCIe x16 slots with Gen5 x16 lanes **(optional)**
- Dual 3600 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U 4-Node - Rear access (W447 x H86.8 x D895 mm)	PCIe Expansion Slots	4 x LP x16 (Gen5 x16) 4 x Optional LP x16 (Gen5 x16)
Motherboard	MA84-HD0	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
CPU	Intel® Xeon® 6+ Processors - Intel® Xeon® 6900E+ Processors Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors [DLC] Dual processors per node, TDP up to 500 W	TPM	4 x TPM headers (SPI), Optional TPM 2.0 kit: CTM012 4 x PRoT connectors (only enabled on RoT SKU)
OS Compatibility	OS Support List	Power Supply	Dual 3600 W 80 PLUS Titanium redundant power supplies AC Input: 200-240 V *The system power supply requires SDG400 power cord.
Socket	8 x LGA 7529 (Socket BR)	System Fans	4 x 80x80x38mm
Chipset	System on Chip	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) *To ensure system stability and prevent condensation, when the relative humidity exceeds 50%, the coolant inlet temperature must be higher than the dry-bulb temperature and it should not exceed 45°C.
Memory	12-Channel DDR5 RDIMM/MRDIMM, 96 x DIMMs Intel Xeon 6900E+: [RDIMM] Up to 8000 MT/s Intel Xeon 6900-series: [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s ^[1] ^[1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.	Packaging Content	1 x H274-A81-LAZ1 4 x CPU cold plate loops 1 x Mini-DP to D-Sub cable 8 x Carriers 1 x L-shape Rail kit
LAN	8 x 1 Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mb/s Management LAN	Ordering Part Numbers	6NH274A81DR000LAZ1*
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP		
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS-4 ^[1] ^[1] Storage card is required to support SATA and SAS drives.		



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

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

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