GIGABYTE™

H274-A81-LAZ1

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

intel XEON | CoolIT systems™
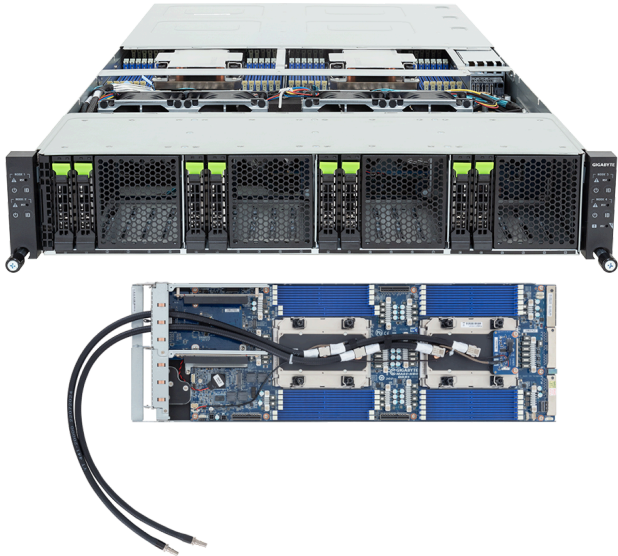
Key Features

- Direct liquid cooling solution with leak detection
- 2U 4-node rear access server system
- Dual Intel® Xeon® 6900-Series Processors per node
- 12-Channel DDR5 RDIMM / MRDIMM, 24 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 LP PCIe Gen5 x16 slots
- 4 x LP PCIe Gen5 x16 slots **(optional)**
- Dual 3600W 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 (W447 x H86.8 x D895 mm)		PCIe Expansion Slots	4 x LP PCIe Gen5 x16 4 x **Optional** LP PCIe 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® 6900-Series Processors Dual processor per node, TDP up to 500W			
OS Compatibility	OS Support List		Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Socket	8 x LGA 7529 (Socket BR)		TPM	4 x TPM headers (SPI), Optional TPM2.0 kit: CTM012 4 x PRoT connectors (only enabled on RoT SKU)
Chipset	System on Chip		Power Supply	Dual 3600W 80 PLUS Titanium redundant power supply AC Input: 200-240V *The system power supply requires SDG400 power cord.
Memory	12-Channel DDR5 RDIMM/MRDIMM, 96 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s [1] [1] MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores.			
			System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2620 Chassis Management Controller GIGABYTE Management Console web interface
LAN	8 x 1Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mbps Management LAN		System Fans	4 x 80x80x38mm
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP		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)
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.		Packaging Content	1 x H274-A81-LAZ1 4 x CoolIT CPU cold plate loops 1 x Mini-DP to D-Sub cable 8 x Carriers 1 x L-shape Rail kit
RAID	Require RAID add-in cards Onboard VROC key header		Ordering Part Numbers	6NH274A81DR000LAZ1*

Designed by

GIGA COMPUTING