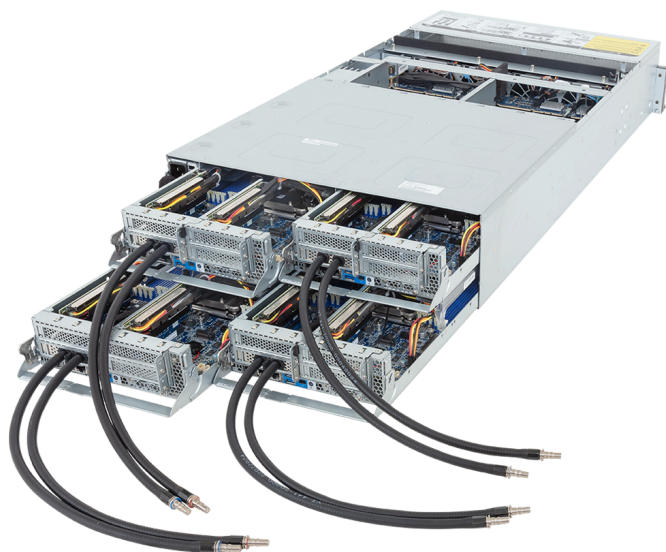


H374-A81-LAW1

High Density Server - 3U 4-Node DP 8-Bay Gen5 NVMe/SATA/SAS-4 DLC



Key Features

- Direct liquid cooling solution with leak detection
- 3U 4-node rear access server system
- Dual Intel® Xeon® 6 Processors per node, LGA 7529
- 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
- 12 x LP PCIe Gen5 x16 slots
- 4 x LP PCIe Gen5 x16 slots (optional)
- Triple 3000W 80 PLUS Titanium redundant power supply

Applications

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

Specification

Dimensions	3U 4-Node - Rear access (W447 x H130.8 x D895 mm)	PCIe Expansion Slots	12 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	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
OS Compatibility	OS Support List	TPM	4 x TPM headers (SPI), Optional TPM2.0 kit: CTM012 4 x PRoT connectors (only enabled on RoT SKU)
Socket	8 x LGA 7529 (Socket BR)	Power Supply	Triple 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	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 Fans	4 x 92x92x76mm
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~30°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 H374-A81-LAW1 4 x CoolIT CPU cold plate loops 1 x Mini-DP to D-Sub cable 8 x Carriers 1 x L-shape Rail kit
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.	Ordering Part Numbers	With cold plates: 6NH374A81DR000LAW1* Without cold plates: 6NH374A81DZ000LAW1*
RAID	Require RAID add-in cards Onboard VROC key header	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



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

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