

H374-A81-AAW1

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



Key Features

- 3U 4-node rear access server system
- Dual Intel® Xeon® 6 Processors per node, LGA 7529
- 8-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
- 16 x LP PCIe Gen5 x16 slots
- 3 x 3000W 80 PLUS Titanium redundant power supply

Application

High-Performance Computing Server, High Converged Server

Specification

Dimensions	3U 4-Node - Rear access (W447 x H130.8 x D895 mm)	Backplane Board	Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Motherboard	MA84-HD0	Security Modules	4 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012 4 x PProT module connector (only enabled on RoT SKU)
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor per node, TDP up to 500W at 30°C ambient - With 2 x LP cards at 35°C ambient, TDP up to 500W	Power Supply	3 x 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord.
Sock	2 x LGA 7529 per node (Socket BR)	System Management	ASPEED® AST2600 Baseboard Management Controller ASPEED® AST2620 Chassis Management Controller GIGABYTE Management Console web interface
Chipset	System on Chip	System Fans	4 x 92x92x76mm
Memory	Total 96 x DIMM slots (24 x DIMM slots per node) 12-Channel DDR5 RDIMM / MRDIMM RDIMM: Up to 6400 MT/s; MRDIMM: Up to 8000 MT/s *MRDIMMs are only supported with Intel Xeon 6 Processors with P-cores.	Operating Properties	Operating temperature: 10°C to 30°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
LAN	8 x 1Gb/s LAN ports (4 x Intel® I350-AM2) - Support NCSI function 4 x 10/100/1000 Mbps Management LAN	Packaging Content	1 x H374-A81-AAW1 8 x CPU heatsinks 1 x Mini-DP to D-Sub cable 8 x Carriers 1 x L-shape Rail kit
Video	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP	Part Numbers	Barebone package: 6NH374A81DR000AAW1* 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
Storage	8 x 2.5" Gen5 NVMe/SATA/SAS-4* hot-swap bays *Storage card is required to support SATA and SAS drives.		
RAID	Require RAID add-in cards Onboard VROC key header		
Expansion Slots	16 x LP PCIe Gen5 x16 slots		
Rear I/O	8 x USB 3.2 Gen1, 4 x Mini-DP, 8 x RJ45, 4 x MLAN		



Learn more at <https://www.GIGABYTE.com/enterprise>

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