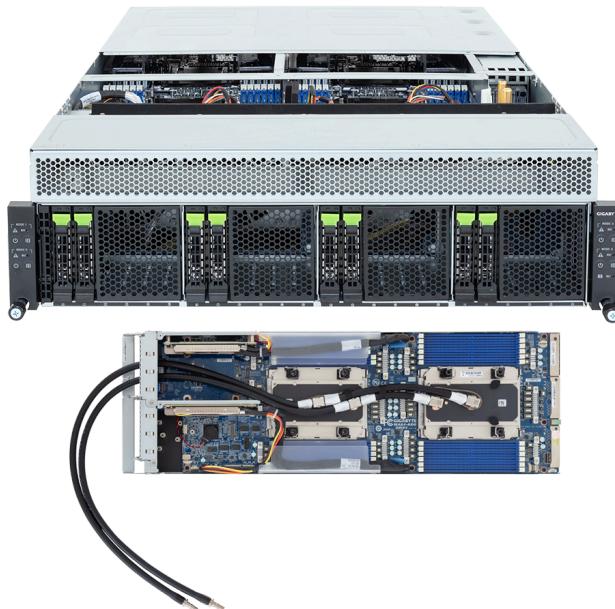


# H374-A81-LAW1

High Density Server - Intel® Xeon® 6 -  
3U 4-Node DP 8-Bay Gen5 NVMe/SATA/SAS-4 DLC



## Specification

<b>Dimensions</b>	3U 4-Node - Rear access (W447 x H130.5 x D900 mm)	<b>RAID</b>	Require RAID add-in cards Onboard VROC key header
<b>Motherboard</b>	MA84-HD0	<b>PCIe Expansion Slots</b>	12 x LP PCIe Gen5 x16 4 x <b>Optional</b> LP PCIe Gen5 x16 <sup>[1]</sup>
<b>CPU</b>	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor per node, TDP up to 500W		<sup>[1]</sup> Enabling the slots requires specific cold plate loops and tubes relocation.
<b>OS Compatibility</b>	<a href="#">OS Support List</a>	<b>I/O Ports</b>	<b>Front:</b> 1 x CMC status LED, 1 x CMC reset button <b>Rear:</b> 8 x USB 3.2 Gen1, 4 x Mini-DP, 8 x RJ45, 4 x MLAN
<b>Socket</b>	8 x LGA 7529 (Socket BR)	<b>Backplane Board</b>	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
<b>Chipset</b>	System on Chip	<b>TPM</b>	4 x TPM headers (SPI), Optional TPM2.0 kit: CTM012 4 x PReT connectors (only enabled on RoT SKU)
<b>Memory</b>	12-Channel DDR5 RDIMM/MRDIMM, 96 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s <sup>[1]</sup>	<b>Power Supply</b>	Triple 3000W 80 PLUS Titanium redundant power supply AC Input: 100-240V
	<sup>[1]</sup> MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.		*The system power supply requires C19 power cord.
<b>LAN</b>	8 x 1Gb/s LAN (4 x Intel® I350-AM2), Support NCSI 4 x 10/100/1000 Mbps Management LAN	<b>System Fans</b>	4 x 92x92x76mm
<b>Video</b>	Integrated in ASPEED® AST2600 x 4 - 4 x Mini-DP	<b>Operating Properties</b>	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>Storage</b>	<b>Front hot-swap:</b> 8 x 2.5" Gen5 NVMe/SATA/SAS-4 <sup>[1]</sup>		*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.
	<sup>[1]</sup> Storage card is required to support SATA and SAS drives.	<b>Packaging Content</b>	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
		<b>Ordering Part Numbers</b>	6NH374A81DR000LAW1*

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.

© 2026 Giga Computing Technology Co., Ltd. All rights reserved.

Last updated: Jan 27, 2026

Designed by

