## H174-A80-IAS1







## **Key Features**

- Immersion Cooling Server
- 1U 2-node server system
- Dual Intel<sup>®</sup> Xeon<sup>®</sup> 6900-Series Processors per node
- 12-Channel DDR5 RDIMM / MRDIMM, 24 x DIMMs per node
- Dual ROM Architecture
- 4 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x LP PCIe Gen5 x16 slots
- 1+1 3200W 80 PLUS Titanium redundant power supplies

## **Applications**

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

## Specification

Dimensions	1U 2-Node (W440 x H43.4 x D855 mm)	RAID	Require RAID add-in cards Onboard VROC key header
Motherboard	MA84-HD0	DOI: Francisco	,
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor per node, TDP up to 500W	PCIe Expansion Slots	Expansion 4 x LP PCle Gen5 x16
		I/O Ports	<b>Top:</b> 4 x USB 3.2 Gen1, 2 x Mini-DP, 4 x RJ45, 2 x MLAN
OS Compatibility	OS Support List	Dealmlana Daard	DOIG CONF VA ON CATA COM/o on CAC A SACH/o
Socket	4 x LGA 7529 (Socket BR)	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Chipset	System on Chip	TPM	2 x TPM headers (SPI), Optional TPM2.0 kit: CTM012 2 x PRoT connectors (only enabled on RoT SKU)
Memory	12-Channel DDR5 RDIMM/MRDIMM, 48 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 Pcores.	Power Supply	1+1 3200W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
		System Management	ASPEED <sup>®</sup> AST2600 Baseboard Management Controller ASPEED <sup>®</sup> AST2620 Chassis Management Controller GIGABYTE Management Console web interface
LAN	4 x 1Gb/s LAN (2 x Intel <sup>®</sup> I350-AM2), Support NCSI 2 x 10/100/1000 Mbps Management LAN		
	2 x 10/100/1000 Mbps Management LAN	Operating	Operating coolant temperature: 20°C to 35°C
Video	Integrated in ASPEED® AST2600 x 2 - 2 x Mini-DP	Properties	Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
		Packaging Content	1 x H174-A80-IAS1
Storage	Bottom hot-swap: $4 \times 2.5$ " Gen5 NVMe/SATA/SAS-4 <sup>[1]</sup> Storage card is required to support SATA and SAS drives.	0 0	4 x CPU heatsinks 1 x Mini-DP to D-Sub cable 4 x Carriers
		Ordering Part Numbers	6NH174A80DR000IAS1*



