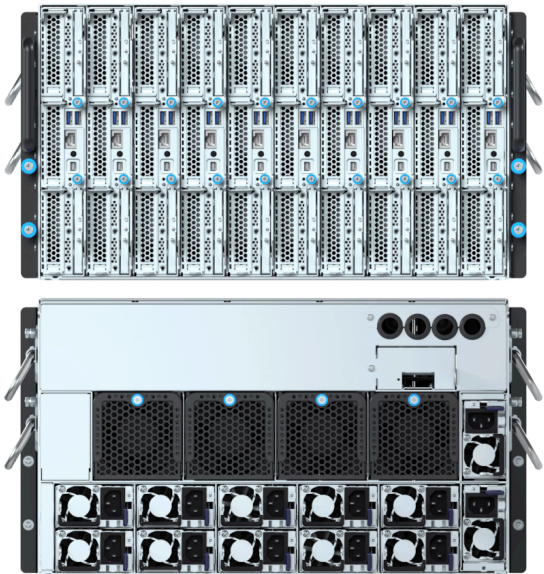


B684-A80-LAS1

Blade Server - 6U 10-Node DP 20-Bay E3.S Gen5 NVMe DLC



Key Features

- Full system direct liquid cooling solution with integrated piping removes up to 91% of system heat
- 6U 10-node front access server system
- Dual Intel® Xeon® 6900-Series Processors per node
- 12-Channel DDR5 RDIMM / MRDIMM, 24 x DIMMs per node
- 2 x E3.S Gen5 NVMe bays per node
- 3 x LP PCIe Gen5 x16 slots per node
- 6+6 3200W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	6U 10-Node - Front access (W447 x H263.5 x D900 mm)	PCIe Expansion Slots	3 x LP PCIe Gen5 x16 per node
Motherboard	MA84-HD3	I/O Ports	Front (per node): 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN Rear: 2 x CMC ports
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor per node, TDP up to 500W	Backplane Board	PCIe Gen5 x4
Socket	20 x LGA 7529 (Socket BR)	TPM	1 x TPM header (SPI) per node, Optional TPM2.0 kit: CTM012
Chipset	System on Chip	Power Supply	6+6 3200W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
Memory	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs ^[1] RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[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	Front: 1 x 10/100/1000 Mbps Management LAN per node Rear: 2 x Chassis Management LAN	System Fans	4 x 80x80x80mm
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP per node	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: 2 x E3.S Gen5 NVMe per node	Packaging Content	1 x B684-A80-LAS1 10 x CPU cold plate loops 1 x Mini-DP to D-Sub cable 20 x Carriers 1 x L-shape Rail kit
RAID	Onboard VROC key header		



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

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