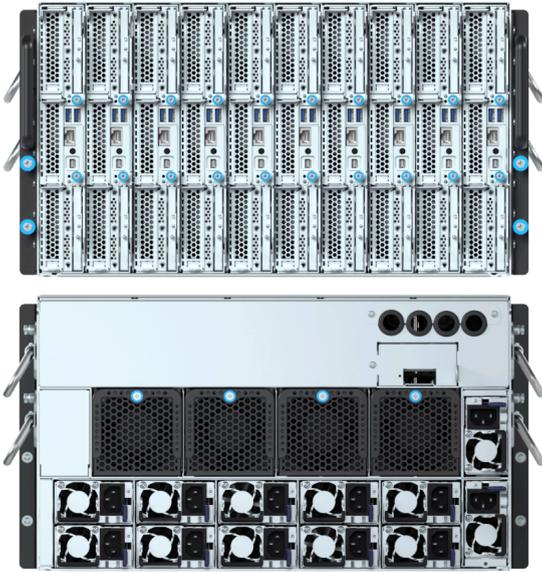


B683-Z80-LAS1



Blade Server - AMD EPYC™ 9005/9004 - 6U 10-Node DP 20-Bay E3.S Gen5 NVMe DLC



Key Features

- Integrated-manifold full-system DLC with up to 92% heat capture ratio
- 6U 10-node front access server system
- [DLC] Dual AMD EPYC™ 9005/9004 Series Processors per node
- [DLC] 12-Channel DDR5 RDIMM, 24 x DIMMs per node
- [DLC] 2 x E3.S Gen5 NVMe bays per node
- [DLC] 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 H262.3 x D900 mm)	PCIe Expansion Slots	[DLC] 3 x LP PCIe Gen5 x16 per node
Motherboard	MZ83-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, 1 x CMC status LED
CPU	AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors [DLC] Dual processor per node, TDP up to 500W	TPM	1 x TPM header (SPI) per node, Optional TPM2.0 kit: CTM012
Socket	20 x LGA 6096	Power Supply	6+6 3200W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Fans	4 x 80x80x80mm
Memory	[DLC] 12-Channel DDR5 RDIMM, 24 x DIMMs per node [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s	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) *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.
LAN	Front: 1 x 10/100/1000 Mbps Management LAN per node Rear: 2 x Chassis Management LAN	Packaging Content	1 x B683-Z80-LAS1 10 x Cold plates 1 x Mini-DP to D-Sub cable 1 x L-shape Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP per node	Ordering Part Numbers	6NB683Z80DR000LCS1*
Storage	Front: [DLC] 2 x E3.S Gen5 NVMe per node		



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

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