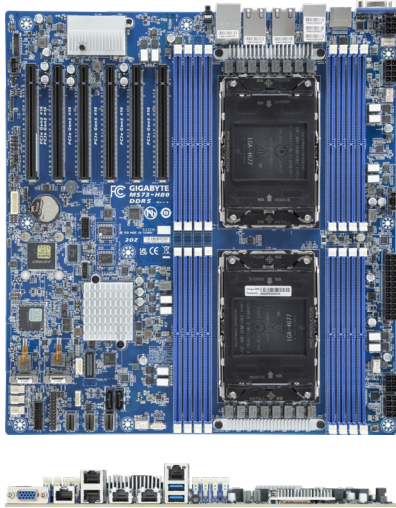# GIGABYTE™

MS73-HB0

4th Gen Intel Xeon Scalable DP Motherboard

intel XEON

Features

- 4th Gen Inte® Xeon® Scalable Processors
- Dual processor, LGA 4677
- 8-Channel RDIMM DDR5 per processor, 16 x DIMMs
- Intel® C741 Chipset
- 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2)
- 2 x 1Gb/s LAN ports (Intel® I210-AT)
- 1 x Dedicated management port
- 3 x SlimSAS with 12 x SATA 6Gb/s ports
- 2 x 7-pin SATA DOM 6Gb/s ports
- 2 x M.2 slots with PCIe Gen4 x4 interface
- 6 x PCIe Gen5 x16 expansion slots

Specification

Form Factor	E-ATX (304.8W x 330.2D mm)	**Internal I/O**	2 x CPU fan headers, 4 x System fan headers, 1 x USB 3.2 Gen1 header, 1 x TPM header, 1 x Front panel header, 1 x HDD back plane board header, 1 x PMBus connector, 1 x IPMB connector, 1 x Clear CMOS jumper, 1 x BIOS recovery jumper, 1 x Buzzer
CPU	4th Generation Intel® Xeon® Scalable Processors Dual processor, CPU TDP up to 270W	**TPM**	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Socket	2 x LGA 4677 (Socket E)	**OS Compatibility**	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 9.0 / 9.1 / 9.2 (x64) SLES 15 SP4 Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 LTS(x64) VMware ESXi 7.0 Update 3i / 8.0 / 8.0 Update 1 Citrix Hypervisor 8.2 LTSR CU1
Chipset	Intel® C741 Chipset		
Memory	8-Channel DDR5 memory, 16 x DIMM slots RDIMM modules up to 96GB supported 3DS RDIMM modules up to 256GB supported Memory speed: Up to 4800 MHz		
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) 2 x 1Gb/s LAN ports (Intel® I210-AT) NCSI function supported 1 x 10/100/1000 management LAN	**Board Management**	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
		PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x 6-pin ATX 12V power connector
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	**Operating Properties**	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
SATA	3 x SlimSAS with 12 x SATA 6Gb/s ports 2 x 7-pin SATA DOM 6Gb/s ports		
RAID	Intel® SATA RAID 0/1/10/5	**Retail Packaging Content**	1 x MS73-HB0, 1 x I/O shield, 1 x Quick start guide, 6 x Carrier clips, 1 x SlimSAS for 4 x SATAIII cable Single Box dimensions: 409 x 355 x 78 mm
Expansion Slots	6 x PCIe x16 (Gen5 x16) slot 2 x M.2 slot: - M-key, PCIe Gen4 x4, supports 2280/22110 cards	**Bulk Packaging Content**	10 x MS73-HB0, 10 x I/O shields, 60 x Carrier clips Carton dimensions: 600 x 473 x 517 mm
Rear I/O	2 x USB 3.2 Gen1, 1 x VGA, 1 x RJ45 COM, 4 x RJ45, 1 x MLAN, 1 x ID button with LED	**Reference Numbers**	Retail: 9MS73HB0MR-000 Bulk: 9MS73HB0NR-000

Learn more about GIGABYTE server, visit **https://www.gigacomputing.com**

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