GIGABYTE™

MS73-HB0 (Rev. 1.x/3.x)

Motherboard - 5th/4th Gen Intel® Xeon® Scalable -
E-ATX DP 10Gb/s Intel Ethernet Controller

intel. XEON

Windows Server 2022 Certified

Key Features

- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 16 x DIMMs
- Intel® C741 Chipset
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 3 x SlimSAS 4i connectors with SATA interface
- 2 x SATA 7-pin ports
- 2 x M.2 slots with PCIe Gen4 x4 interface
- 6 x PCIe Gen5 x16 expansion slots

Specification

Form Factor	E-ATX (W304.8 x D330.2 mm)	**Internal I/O**	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 2 x 6-pin ATX 12V power connectors 2 x CPU fan headers / 4 x System fan headers 1 x USB 3.2 Gen1 x2 header / 2 x M.2 slots 3 x SlimSAS 4i connectors / 2 x SATA 7-pin connectors 1 x VROC connector / 1 x Front panel header 1 x Backplane board header / 1 x PMBus header 1 x IPMB header / 1 x TPM header
CPU	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 350W		
Socket	2 x LGA 4677		
Chipset	Intel® C741		
Memory	8-Channel DDR5 RDIMM, 16 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s [4th Gen Intel Xeon] Up to 4800 MT/s [Intel Xeon Max Series] Up to 4800 MT/s	**Rear I/O**	2 x USB 3.2 Gen1 ports (Type-A) 1 x VGA port 1 x RJ45 serial port 4 x RJ45 ports 1 x MLAN port 1 x ID button with LED
OS Compatibility	OS Support List	**Security Modules**	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
LAN	2 x 10Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 2 x 1Gb/s LAN (2 x Intel® I210-AT), Support NCSI 1 x 10/100/1000 Mbps Management LAN	**PSU Connectors**	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 2 x 6-pin ATX 12V power connectors
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	**Operating Properties**	Operating: 10°C to 40°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Audio	N/A	**Retail Packaging Content**	1 x MS73-HB0 1 x I/O shield 1 x Quick start guide 6 x Carriers 1 x SlimSAS 4i to 4 x SATA cable (600mm) Quantity: 10 x single boxes in one carton
Storage Interface	**SlimSAS:** 3 x SlimSAS 4i for 12 x SATA **SATA 7-pin:** 2 x SATA **M.2:** 2 x M.2 (2280/22110), PCIe Gen4 x4		
RAID	Intel® SATA RAID 0/1/10/5 Onboard VROC key header	**Bulk Packaging Content**	10 x MS73-HB0 10 x I/O shields 60 x Carriers
PCIe Expansion Slots	6 x PCIe Gen5 x16	**Ordering Part Numbers**	Retail: 9MS73HB0MR-000-3*/1* Bulk: 9MS73HB0NR-000-3*/1*
		Optional Parts	- CPU fansink: 25ST0-0Z9221-A3R

Designed by

GIGA COMPUTING