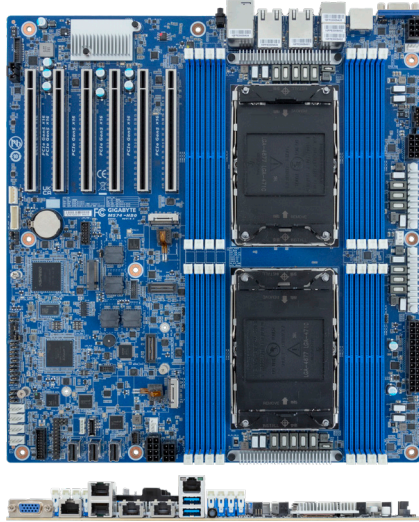


MS74-HB0

Server Motherboard - E-ATX DP



Features

- Dual Intel® Xeon® 6 Processors, LGA 4710
- 8-Channel DDR5 RDIMM / MCR DIMM, 16 x DIMMs
- Dual ROM Architecture
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 3 x SlimSAS connectors for 12 x SATA 6Gb/s
- 2 x M.2 slots with PCIe Gen5 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, 5 x System fan headers, 1 x USB 3.2 Gen1 x2 header, 2 x M.2 slots, 3 x SlimSAS connectors, 1 x VROC connector, 1 x NCSI connector, 1 x Front panel header, 1 x Backplane board header, 1 x PMBus header, 1 x IPMB header, 1 x TPM header, 1 x PRoT connector
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700E-Series Processors - Intel® Xeon® 6700P-Series Processors - Intel® Xeon® 6500P-Series Processors Dual processor, TDP up to 350W	Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012 1 x PRoT module connector (M.2 M-key) - Optional PRoT module (AST1060 solution): CSC1200
Socket	2 x LGA 4710 (Socket E2)	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
Chipset	System on Chip	Board Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Memory	8-Channel DDR5 RDIMM / MCR DIMM, 16 x DIMM slots RDIMM: Up to 6400 MT/s MCR DIMM: Up to 8000 MT/s *MCR DIMMs are only supported with Intel Xeon 6 Processors with P-cores	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)
LAN	2 x 10Gb/s LAN ports (1 x Intel® X710-AT2) 2 x 1Gb/s LAN ports (2 x Intel® I210-AT) Supported NCSI function (by switch) 1 x 10/100/1000 Mbps Management LAN	Retail Packaging Content	1 x MS74-HB0, 1 x I/O shield, 1 x Quick start guide, 6 x Carrier clips, 1 x SlimSAS to 4 x SATA 6Gb/s cable (600mm) Single Box dimensions: 409 x 355 x 78 mm Carton dimensions: 729 x 415 x 432 mm Quantity: 10 x single boxes in one carton
Video	Integrated in ASPEED® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp	Bulk Packaging Content	10 x MS74-HB0, 10 x I/O shields, 60 x Carrier clips Carton dimensions: 600 x 473 x 517 mm
Storage	3 x SlimSAS connectors for 12 x SATA 6Gb/s	Reference Numbers	Retail: 9MS74HB0MR-000-1* Bulk: 9MS74HB0NR-000-1*
RAID	N/A		
Expansion Slots	6 x PCIe x16 (Gen5 x16) slots 2 x M.2 slots (M-key, PCIe Gen5 x4, support 2280/22110 cards)		
Rear I/O	2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN, 1 x ID button		



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

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