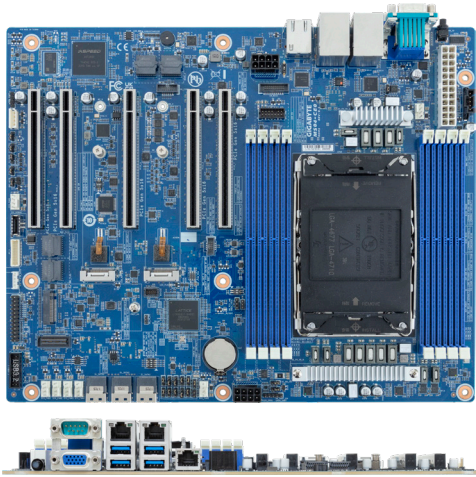


MS04-CEO

Server Motherboard - ATX UP



Features

- Single Intel® Xeon® 6 Processors, LGA 4710
- 8-Channel DDR5 RDIMM / MCR DIMM, 8 x DIMMs
- Dual ROM Architecture
- 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 x2 interface
- 5 x PCIe Gen5 x16 and x8 expansion slots

Specification

Form Factor ATX (304.8W x 244D mm)

CPU Intel® Xeon® 6 Processors
 - Intel® Xeon® 6700E-Series Processors
 - Intel® Xeon® 6700P-Series Processors
 - Intel® Xeon® 6500P-Series Processors
 Single processor, TDP up to 350W

Socket 1 x LGA 4710 (Socket E2)

Chipset System on Chip

Memory 8-Channel DDR5 RDIMM / MCR DIMM, 8 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

LAN 2 x 1Gb/s LAN ports (2 x Intel® I210-AT)
 Supported NCSI function
 1 x 10/100/1000 Mbps Management LAN

Video Integrated in ASPEED® AST2600
 2D Video Graphic Adapter with PCIe bus interface
 1920x1200@60Hz 32bpp

Storage 3 x SlimSAS connectors for 12 x SATA 6Gb/s

RAID N/A

Expansion Slots 4 x PCIe x16 (Gen5 x16) slots
 1 x PCIe x16 (Gen5 x8) slot
 2 x M.2 slots (M-key, PCIe Gen5 x2, support 2280/22110 cards)

Rear I/O 4 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN,
 1 x ID button with LED

Internal I/O 1 x CPU fan header, 6 x System fan headers, 2 x M.2 slots,
 1 x USB 3.2 Gen1 x2 header, 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

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

PSU Connectors 1 x 24-pin ATX main power connector
 2 x 8-pin ATX 12V power connectors

Board Management ASPEED® AST2600 management controller
 GIGABYTE Management Console (AMI MegaRAC SP-X)

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)

Retail Packaging Content 1 x MS04-CEO, 1 x I/O shield, 1 x Quick start guide,
 2 x Carrier clips, 1 x SlimSAS to 4 x SATA 6Gb/s cable (600mm)
 Single Box dimensions: 360 x 330 x 80 mm
 Carton dimensions: 674 x 424 x 385 mm
 Quantity: 10 x single boxes in one carton

Bulk Packaging Content 10 x MS04-CEO, 10 x I/O shields, 20 x Carrier clips
 Carton dimensions: 600 x 473 x 495 mm

Reference Numbers Retail: 9MS04CE0MR-000-1*
 Bulk: 9MS04CE0NR-000-1*



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

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