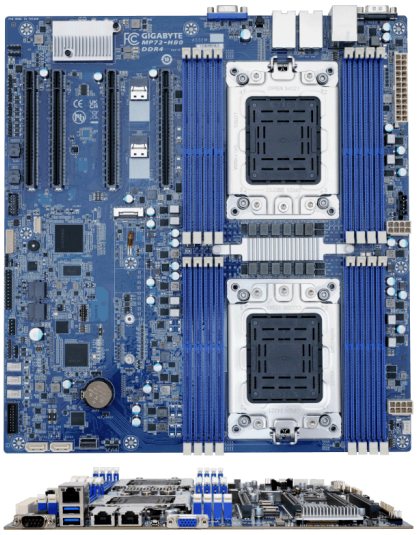
GIGABYTE™

MP72-HB0 (Rev. 3.0)

Motherboard - Ampere® Altra®/Altra® Max Processors - E-ATX, DP



Key Features

- Dual Ampere® Altra®/Altra® Max processors
- 8-Channel DDR4 RDIMM/LRDIMM per CPU with 16 x DIMMs
- 2 x 10 Gb/s LAN ports via Broadcom® BCM57416
- 2 x SlimSAS 4i connectors supporting PCIe Gen4 x4
- 1 x SlimSAS 4i connectors supporting SATA
- 2 x SATA 7-pin ports
- 1 x M.2 slot with PCIe Gen4 x4
- 4 x PCIe x16 slots with Gen4 x16 and x8 lanes

Specification

Form Factor	E-ATX (W305 x D330 mm)
CPU	Ampere® Altra® processors Ampere® Altra® Max processors Dual processors, TDP 250 W
Socket	2 x LGA 4926
Chipset	System on Chip
Memory	8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs Up to 3200 MT/s
LAN	2 x 10 Gb/s LAN (1 x Broadcom® BCM57416), Support NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Storage Interface	**SlimSAS:** 2 x SlimSAS 4i for 2 x Gen4 NVMe, from CPU_0 1 x SlimSAS 4i for 4 x SATA, from CPU_1 **SATA 7-pin:** 2 x SATA, from CPU_1 **M.2:** 1 x M.2 (2280/22110), PCIe Gen4 x4
RAID	N/A
PCIe Expansion Slots	Slot_4: PCIe x16 (Gen4 x16), from CPU_0 Slot_3: PCIe x16 (Gen4 x16), from CPU_0 Slot_2: PCIe x16 (Gen4 x16), from CPU_1 Slot_1: PCIe x16 (Gen4 x8), from CPU_0
Internal I/O	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 2 x CPU fan headers / 2 x System fan headers 1 x USB 3.2 Gen1 x2 header / 1 x USB 2.0 header 1 x M.2 slot / 3 x SlimSAS 4i connectors 2 x SATA 7-pin connectors / 1 x Front panel header 1 x Backplane board header / 1 x PMBus connector 1 x IPMB connector / 1 x TPM header
Rear I/O	2 x USB 3.2 Gen1 ports (Type-A) 1 x VGA port 2 x RJ45 ports 1 x MLAN port 1 x ID button with LED
Security Modules	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Board Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors
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)
Retail Packaging Content	N/A
Bulk Packaging Content	10 x MP72-HB0 10 x I/O shields
Ordering Part Numbers	Bulk: 9MP72HB0NR-00-3*
Optional Parts	- CPU fansink: 12SF2-01A101-00R

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

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