GIGABYTE™

MZ72-HB2

AMD EPYC DP Server Motherboard
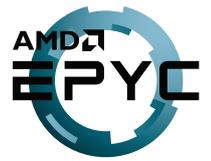
AMD EPYC

Features

- Supports AMD EPYC 7003 Processors with AMD 3D V-Cache™ and AMD EPYC™ 7003 Processors
- 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
- 2 x 10Gb/s LAN ports (Broadcom® BCM57416B)
- 1 x Dedicated management port
- 4 x 7-pin SATA 6Gb/s ports
- 3 x SlimSAS (with 12 x SATAIII or 3 x U.2 PCIe Gen4 x4) ports
- 2 x SlimSAS (with 2 x U.2 PCIe Gen4 x4) ports
- 1 x Ultra-Fast M.2 with PCIe Gen4 x4 bandwidth
- Up to 5 x PCIe Gen4 slots
- Aspeed® AST2600 remote management controller

Specification

Dimensions	E-ATX (305W x 330D mm)
CPU	AMD EPYC™ 7003 Series processors Dual processors, 7nm, cTDP up to 280W Up to 64-core, 128 threads per processor, Socket SP3 Compatible with AMD EPYC™ 7002 Series processors
Chipset	System on Chip
Memory	8-Channel DDR4 memory, 16 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200/ 2933 MHz
LAN	2 x 10GbE LAN ports (1 x Broadcom® BCM57416B) 1 x 10/100/1000 management LAN
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM
SATA	4 x 7-pin SATA 6Gb/s ports 3 x SlimSAS (for 12 x SATAIII or 3 x NVMe PCIe Gen4 x4) ports
Expansion Slots	3 x PCIe x16 (Gen4 x16) slots 2 x PCIe x16 (Gen4 x8) slots 1 x M.2 slot: - M-key, PCIe Gen4 x4, supports NGFF-2280/22110 cards 2 x U.2 ports: - SlimSAS 4i type, PCIe Gen4 x4 per port
TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Rear I/O	2 x USB 3.0, 1 x VGA, 1 x COM_1, 2 x RJ45, 1 x MLAN

Internal I/O	5 x SlimSAS connectors, 1 x M.2 slot, 2 x CPU fan headers, 4 x System fan headers, 1 x USB 3.0 header, 1 x USB 2.0 header, 1 x COM_2 header, 1 x TPM header, 1 x Front panel header, 1 x PMBus connector, 1 x IPMB connector, 1 x Clear CMOS jumper, 1 x BIOS recovery jumper
OS Compatibility	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
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
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 MZ72-HB2 1 x I/O shield 1 x Quick start guide 2 x SATA 6Gb/s cable
Bulk Packaging Content	10 x MZ72-HB0 10 x I/O shields Carton dimensions: 600 x 473 x 495 mm
Reference Numbers	Retail: 9MZ72HB0MR-00 PCB Rev. 3.0 Bulk: 9MZ72HB0NR-00 PCB Rev. 3.0

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