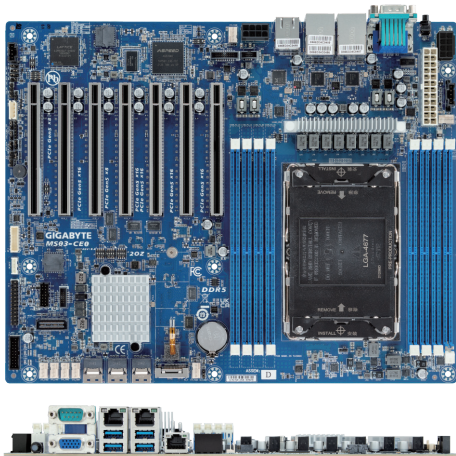


MS03-CEO

Server Motherboard - ATX UP



Features

- Single 5th/4th Gen Intel® Xeon® Scalable Processors
- Single Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 8 x DIMMs
- Intel® C741 Chipset
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 3 x SlimSAS connectors for 12 x SATA 6Gb/s
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 7 x PCIe Gen5 x16 and x8 expansion slots

Specification

Form Factor	ATX (304.8W x 244D mm)	Internal I/O	1 x CPU fan header, 5 x System fan headers, 1 x USB 3.2 Gen1 header, 1 x Front panel header, 1 x Back plane board header, 1 x PMBus header, 1 x IPMB header, 1 x VROC connector
CPU	5th Gen Intel® Xeon® Scalable Processors 4th Gen Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Single processor, TDP up to 350W	TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Socket	1 x LGA 4677 (Socket E)	OS Compatibility	Windows Server 2019 / 2022 RHEL 8.6 / 8.7 / 9.0 / 9.1 / 9.2 / 9.3 (x64) SLES 15 SP3 / 15 SP4 / SP5 (x64) Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 LTS (x64) VMware ESXi 7.0 Update 3o / 8.0 Update 1 / 8.0 Update 2 Citrix Hypervisor 8.2 LTSR CU1
Chipset	Intel® C741 Chipset	Board Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	8-Channel DDR5 memory, 8 x DIMM slots RDIMM up to 96GB supported 3DS RDIMM up to 256GB supported 5th Gen Intel Xeon: Up to 5600 MT/s 4th Gen Intel Xeon & Intel Xeon Max Series: Up to 4800 MT/s	PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors
LAN	2 x 1Gb/s LAN ports (Intel® I210-AT) - Supports NCSI function 1 x 10/100/1000 management LAN	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)
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Retail Packaging Content	1 x MS03-CEO, 1 x I/O shield, 1 x Quick start guide, 3 x Carrier clips, 1 x SlimSAS for 4 x SATAIII cable Single Box dimensions: 360 x 330 x 80 mm Carton dimension: 674 x 424 x 385 mm Quantity: 10 x single box with one carton
Audio	N/A	Bulk Packaging Content	10 x MS03-CEO, 10 x I/O shields, 30 x Carrier clips Carton dimensions: 600 x 473 x 495 mm
Storage Interface	3 x SlimSAS with 12 x SATA 6Gb/s ports 1 x M.2 slot: - M-key, PCIe Gen3 x4, supports 2280 cards	Reference Numbers	Retail: 9MS03CE0MR-000-3*/1* Bulk: 9MS03CE0NR-000-3*/1* Optional parts: - CPU fansink: 25ST0-0Z9221-A3R
RAID	Intel® SATA RAID 0/1/10/5		
Expansion Slots	3 x PCIe x16 (Gen5 x16) slots 2 x PCIe x16 (Gen5 x16 or x8) slots 2 x PCIe x16 (Gen5 x8) slots		
Rear I/O	4 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN		



Learn more at <https://www.GIGABYTE.com/enterprise>

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