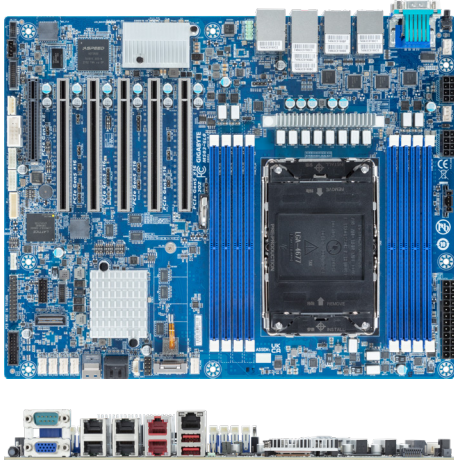


MS03-6L0

ATX Server Motherboard



Features

- 5th/4th Gen Intel® Xeon® Scalable Processors
- Intel® Xeon® CPU Max Series
- Single processor, LGA4677
- 8-Channel RDIMM DDR5, 8 x DIMMs
- Intel® C741 Chipset
- 2 x 10Gb/s LAN ports (Broadcom® BCM57416)
- 4 x 1Gb/s LAN ports (Intel® I210-AT)
- 1 x dedicated management port
- 1 x SlimSAS with 4 x SATA 6Gb/s ports
- 2 x SATA 6Gb/s ports
- 1 x M.2 slot with PCIe Gen3 x4 interface
- 6 x PCIe Gen5 x16 and x8 expansion slots

Specification

Form Factor	ATX (304.8W x 254D mm)	Rear I/O	2 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 6 x RJ45, 1 x MLAN
CPU	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Single processor, TDP up to 350W	Internal I/O	1 x CPU fan header, 7 x System fan headers, 2 x USB 3.2 Gen1 headers, 2 x USB 2.0 headers, 1 x VROC connector, 1 x Front panel header, 1 x HDD backplane board header, 1 x PMBus connector, 1 x IPMB connector, 1 x Clear CMOS jumper, 1 x BIOS recovery jumper, 1 x Buzzer
Socket	1 x LGA 4677 (Socket E)	TPM	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
Chipset	Intel® C741 Chipset	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
Memory	8-Channel DDR5 memory, 8 x DIMM slots RDIMM up to 96GB supported 3DS RDIMM up to 256GB supported Memory speed: Up to 5600 MHz	Board Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
LAN	2 x 10Gb/s LAN ports (Broadcom® BCM57416) 4 x 1Gb/s LAN ports (Intel® I210-AT) BCM57416 with NCSI function supported 1 x 10/100/1000 management LAN	PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors
Video	Integrated in ASPEED® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	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)
Audio	Realtek® ALC897 HD Audio Codec Supports 2-channel configurations	Retail Packaging Content	1 x MS03-6L0, 1 x I/O shield, 1 x Quick start guide, 3 x Carrier clips, 1 x SlimSAS for 4 x SATAIII cable (600mm) Single Box dimensions: 360 x 330 x 80 mm Carton dimensions: 674 x 424 x 385 mm (10 x single boxes)
SATA	1 x SlimSAS with 4 x SATA 6Gb/s ports 2 x SATA 6Gb/s ports	Bulk Packaging Content	10 x MS03-6L0, 10 x I/O shields, 30 x Carrier clips Carton dimensions: 600 x 473 x 495 mm
RAID	Intel® SATA RAID 0/1/10/5	Reference Numbers	Retail: 9MS036L0MR-000-3*/1* Bulk: 9MS036L0NR-000-3*/1*
Expansion Slots	4 x PCIe x16 (Gen5 x16) slots 1 x PCIe x16 (Gen5 x16 or x8) slot 1 x PCIe x8 (Gen5 x8) slot 1 x M.2 slot :M-key, PCIe Gen3 x4, supports 2280 cards		



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

Designed by

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