

GIGABYTE MS03-CE0 motherboard Intel C741 LGA 4677 (Socket E) ATX

Brand : GIGABYTE

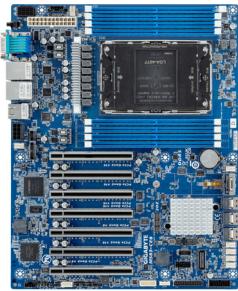
Product code: MS03-CE0

Product name : MS03-CE0

- 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

Motherboard - 5th/4th Gen Intel® Xeon® Scalable - ATX UP

GIGABYTE MS03-CE0. Processor manufacturer: Intel, Processor socket: LGA 4677 (Socket E), Compatible processor series: Intel® Xeon®. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, RAID levels: 0, 1, 5, 10. On-board graphics card model: Aspeed AST2600. Ethernet interface type: Gigabit Ethernet, LAN controller: Intel® I210-AT



| Processor                              |                     | Rear panel I/O ports              |                           |
|----------------------------------------|---------------------|-----------------------------------|---------------------------|
| Processor manufacturer *               | Intel               | Ethernet LAN (RJ-45) ports *      | 2                         |
| Processor socket *                     | LGA 4677 (Socket E) | VGA (D-Sub) ports quantity *      | 1                         |
| Compatible processor series *          | Intel® Xeon®        | COM ports quantity                | 1                         |
| Memory                                 |                     | Network                           |                           |
| Supported memory types *               | DDR5-SDRAM          | Ethernet LAN                      | ✓                         |
| Number of memory slots *               | 8                   | Ethernet interface type           | Gigabit Ethernet          |
| Memory slots type                      | DIMM                | LAN controller                    | Intel® I210-AT            |
| Memory channels                        | Hexa-channel        | Wi-Fi *                           | ✗                         |
| Supported memory clock speeds          | 4800,5600 MHz       | Features                          |                           |
| Maximum internal memory *              | 256 GB              | Motherboard chipset *             | Intel C741                |
| Maximum RDIMM memory                   | 96 GB               | Component for *                   | Server                    |
| Storage controllers                    |                     | Motherboard form factor *         | ATX                       |
| Supported storage drive interfaces *   | SATA III            | Motherboard chipset family *      | Intel                     |
| Number of storage drives supported     | 12                  | Compatible operating systems      | Windows Server 2022 (x64) |
| RAID support                           | ✓                   | Expansion slots                   |                           |
| RAID levels                            | 0, 1, 5, 10         | PCI Express x8 (Gen 5.x) slots    | 2                         |
| Graphics                               |                     | PCI Express x16 (Gen 5.x) slots   | 5                         |
| On-board graphics card model           | Aspeed AST2600      | Number of M.2 (M) slots           | 1                         |
| Internal I/O                           |                     | Operational conditions            |                           |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1                   | Storage temperature (T-T)         | 10 - 40 °C                |
| Front panel connector                  | ✓                   | Operating temperature (T-T)       | -40 - 60 °C               |
| ATX Power connector (24-pin)           | ✓                   | Operating relative humidity (H-H) | 8 - 80%                   |
| CPU fan connector                      | ✓                   | Storage relative humidity (H-H)   | 20 - 95%                  |
| Number of CPU fan connectors           | 1                   | Packaging data                    |                           |
| EPS power connector (8-pin)            | ✓                   | Package width                     | 360 mm                    |
|                                        |                     | Package depth                     | 330 mm                    |

| Internal I/O                                      |   | Packaging data      |          |
|---------------------------------------------------|---|---------------------|----------|
| Number of EPS power connectors (8-pin)            | 2 | Package height      | 80 mm    |
| TPM connector                                     | ✓ | Weight & dimensions |          |
| <b>Rear panel I/O ports</b>                       |   | Width               | 304.8 mm |
|                                                   |   | Depth               | 244 mm   |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * |   | Packaging content   |          |
|                                                   |   | Cables included     | SATA     |



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### Catalog Object Cloud



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