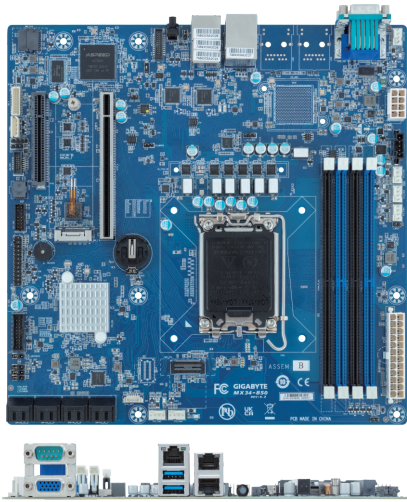


## MX34-BS0 (Rev. 1.x/3.x)

Server Motherboard - microATX UP



### Features

- Single Intel® Xeon® 6300-Series/E-2400 Processors
- Single Intel® Pentium® Gold G7400 / G7400T Processor
- Dual Channel DDR5 UDIMM, 4 x DIMMs
- Intel® C262 Chipset
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 8 x SATA 6Gb/s ports
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 1 x PCIe Gen5 x16 expansion slot
- 1 x PCIe Gen4 x4 expansion slot
- ASPEED® AST2600 Baseboard Management Controller

### Specification

**Form Factor** microATX (W244 x D244 mm)

**CPU** Intel® Xeon® 6300-Series Processors  
Intel® Xeon® E-2400 Processors  
Intel® Pentium® Gold G7400 / G7400T Processor  
Single processor, TDP up to 95W

**Socket** 1 x LGA 1700

**Chipset** Intel® C262

**Memory** 4 x DIMM slots  
DDR5 memory supported  
Dual Channel memory per processor  
UDIMM: Up to 4400 MT/s (1DPC), 4000 MT/s (2DPC/1R), 3600 MT/s (2DPC/2R)

**LAN** 2 x 1Gb/s LAN ports (2 x Intel® I210-AT) - Support NCSI function  
1 x 10/100/1000 Mbps Management LAN

**Video** Integrated in ASPEED® AST2600  
- 1 x VGA port

**Storage** 8 x SATA 7-pin, from PCH  
1 x M.2 (2280), PCIe Gen4 x4, from CPU

**RAID** Intel® SATA RAID 0/1/10/5

**Expansion Slots** 1 x PCIe x16 (Gen5 x16) slot, from CPU  
1 x PCIe x8 (Gen4 x4) slot, from PCH

**Rear I/O** 2 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN,  
1 x ID button with LED

**Internal I/O** 1 x CPU fan header, 5 x System fan headers, 1 x TPM header,  
1 x USB 3.2 Gen1 x2 header, 8 x SATA connectors,  
1 x Front panel header, 1 x Backplane board header,  
1 x PMBus header, 1 x IPMB header,

**Security Modules** 1 x TPM header with SPI interface  
- Optional TPM2.0 kit: CTM010

**PSU Connectors** 1 x 24-pin ATX main power connector  
1 x 8-pin ATX 12V power connector

**Board Management** ASPEED® AST2600 Baseboard Management Controller  
GIGABYTE Management Console web interface

**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 MX34-BS0  
1 x I/O shield  
1 x Quick start guide  
2 x SATA 6Gb/s cables (500mm)  
Single Box dimensions: 21 x 308.5 x 78.5 mm  
Carton dimensions: 630 x 420 x 345 mm  
Quantity: 10 x single boxes in one carton

**Bulk Packaging Content** 20 x MX34-BS0, 20 x I/O shields  
Carton dimensions: 609 x 581 x 362 mm

**Reference Numbers** Retail: 9MX34BS0MR-000-1\*/3\*  
Bulk: 9MX34BS0NR-000-1\*/3\*



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

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