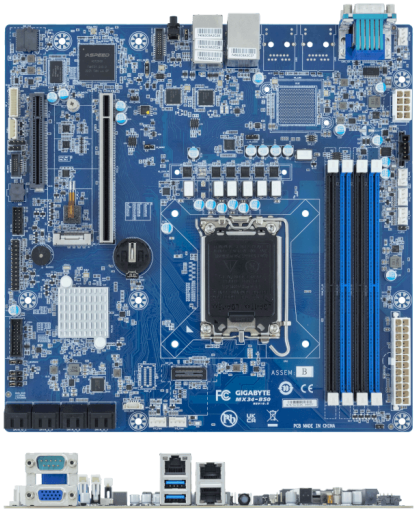
GIGABYTE™

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

Motherboard - Intel® Xeon® 6300-Series/E-2400 Processors - microATX, UP



Key Features

- Single Intel® Xeon® 6300-series/E-2400 processors
- Single Intel® Pentium® Gold G7400/G7400T processor
- Dual Channel DDR5 ECC UDIMM per CPU with 4 x DIMMs
- Intel® C262 Chipset
- 2 x 1 Gb/s LAN ports via Intel® I210-AT
- 8 x SATA 7-pin ports
- 1 x M.2 slot with PCIe Gen4 x4
- 1 x PCIe x16 slot with Gen5 x16 lanes
- 1 x PCIe x8 slot with Gen4 x4 lanes

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 95 W
Socket	1 x LGA 1700
Chipset	Intel® C262
Memory	Dual Channel DDR5 ECC UDIMM, 4 x DIMMs Up to 4400 MT/s (1DPC), 4000 MT/s (2DPC/1R), 3600 MT/s (2DPC/2R)
OS Compatibility	OS Support List
LAN	2 x 1 Gb/s LAN (2 x Intel® I210-AT), Support NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Audio	N/A
Storage Interface	**SATA 7-pin:** 8 x SATA, from PCH **M.2:** 1 x M.2 (2280), PCIe Gen4 x4, from CPU
RAID	Intel® SATA RAID 0/1/10/5
PCIe Expansion Slots	1 x PCIe x16 (Gen5 x16), from CPU 1 x PCIe x8 (Gen4 x4), from PCH

Internal I/O	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header / 5 x System fan headers 1 x USB 3.2 Gen1 x2 header / 1 x M.2 slot 8 x SATA 7-pin connectors / 1 x Front panel header 1 x Backplane board header / 1 x PMBus header 1 x IPMB header / 1 x TPM header
Rear I/O	2 x USB 3.2 Gen1 port (Type-A) 1 x VGA port 1 x Serial port 2 x RJ45 ports 1 x MLAN port 1 x ID button with LED
Security Modules	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Board Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
PSU Connectors	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector
Operating Properties	Operating: 0°C to 40°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Retail Packaging Content	1 x MX34-BS0 1 x I/O shield 1 x Quick start guide 2 x SATA cables (500 mm) Quantity: 10 x single boxes in one carton
Bulk Packaging Content	20 x MX34-BS0 20 x I/O shields
Ordering Part Numbers	Retail: 9MX34BS0MR-000-3*/1* Bulk: 9MX34BS0NR-000-3*/1*

Learn more at: https://www.gigabyte.com/Enterprise

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