

# MX34-BS0

## Intel Xeon E-2400 UP Motherboard



### Features

- Entry and small business server board
- Intel® Xeon® E-2400 Processors
- Intel® Pentium® Gold G7400 / G7400T Processor
- Dual Channel ECC / non-ECC DDR5 UDIMM, 4 x DIMMs
- Intel® C262 Chipset
- 2 x 1Gb/s LAN ports (Intel® I210-AT)
- 1 x Dedicated management port
- 8 x 7-pin SATA 6Gb/s ports
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 2 x USB 3.2 Gen2 ports supported
- 1 x PCIe x16 (Gen5 x16) expansion slot
- 1 x PCIe x8 (Gen4 x4) expansion slot

### Specification

<b>Form Factor</b>	microATX (W244 x D244 mm)	<b>Internal I/O</b>	1 x CPU fan header, 5 x System fan headers, 1 x USB 3.2 Gen1 header, 1 x Front panel header, 1 x Backplane board header, 1 x PMBus connector, 1 x IPMB connector, 1 x Clear CMOS jumper, 1 x BMC reset jumper, 1 x BIOS recovery jumper, 1 x Buzzer
<b>Motherboard</b>	MX34-BS0	<b>TPM</b>	1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)
<b>CPU</b>	Intel® Xeon® E-2400 Processors Intel® Pentium® Gold G7400 / G7400T Processor Single processor, TDP up to 95W	<b>PSU Connectors</b>	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector
<b>Socket</b>	1 x LGA 1700	<b>System Management</b>	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Chipset</b>	Intel® C262 Chipset	<b>OS Compatibility</b>	Windows Server 2019 / 2022 Red Hat Enterprise Linux server 8.6 / 9.0 (x64) SUSE Linux Enterprise server 15 SP4 / 15 SP5 Ubuntu 20.04.6 LTS / Ubuntu 22.04.2 LTS (x64) VMware ESXi 8.0 Citrix Hypervisor 8.2 LTSR CU1
<b>Memory</b>	4 x DIMM slots, 2-Channel DDR5 DIMM modules up to 32GB supported ECC / non-ECC UDIMM modules supported only Up to 4400MHz(1DPC), 4000MHz(2DPC/1R), 3600MHz(2DPC/2R)	<b>Operating Properties</b>	Operating temperature: 0°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)
<b>LAN</b>	2 x 1Gb/s LAN ports (2 x Intel® I210-AT) - Support NCSI function 1 x 10/100/1000 management LAN	<b>Retail Packaging Content</b>	1 x MX34-BS0, 1 x I/O shield, 1 x Quick start guide Single Box dimensions: 321 x 308.5 x 78.5 mm Quantity: 10 x single boxes in one carton
<b>Video</b>	Integrated in Aspeed AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	<b>Bulk Packaging Content</b>	20 x MX34-BS0, 20 x I/O shields Carton dimensions: 609 x 581 x 362 mm
<b>SATA</b>	8 x 7-pin SATA 6Gb/s ports	<b>Part Numbers</b>	Retail: 9MX34BS0MR-000-10* Bulk: 9MX34BS0NR-000-10* - I/O shield: 12AIO-MC13LE-00R
<b>SAS</b>	N/A		
<b>RAID</b>	Intel® SATA RAID 0/1/5/10		
<b>Expansion Slots</b>	1 x PCIe x16 (Gen5 x16) slot 1 x PCIe x8 (Gen4 x4) slot 1 x M.2 slot: M-key, PCIe Gen4 x4, supports 2280 cards		
<b>Rear I/O</b>	2 x USB 3.2 Gen1, 1 x COM, 1 x VGA, 2 x RJ45, 1 x MLAN		



Learn more about GIGABYTE server, visit <https://www.gigacomputing.com>

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