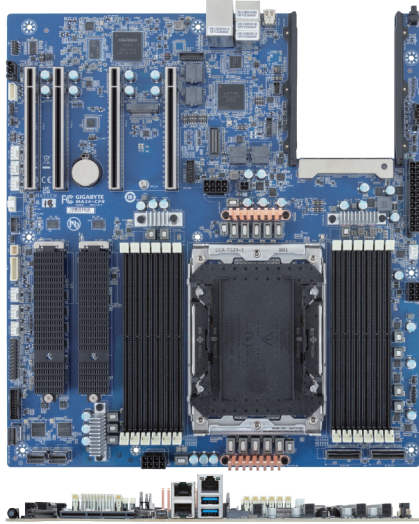


MA34-CP0

Server Motherboard - E-ATX UP



Features

- Single Intel® Xeon® 6 Processors, LGA 7529
- 12-Channel DDR5 RDIMM / MCR DIMM, 12 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I210-AT
- 2 x MCIO 8i connectors with PCIe Gen5 x8 interface
- 3 x SlimSAS connectors for 12 x SATA 6Gb/s
- 2 x M.2 slots with PCIe Gen5 x2 interface
- 4 x PCIe Gen5 x16 and x8 expansion slots
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot

1.5 cm

Specification

Form Factor	E-ATX (304.8W x 335.2D mm)	Rear I/O	2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN, 1 x ID button
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900 Series Processors Single processor, TDP up to 500W	Internal I/O	1 x CPU fan header, 6 x System fan headers, 1 x USB 3.2 Gen1 x2 header, 1 x USB 2.0 header for BMC, 2 x MCIO 8i connectors, 3 x SlimSAS connectors, 1 x VROC connector, 1 x NCSI connector, 1 x Front panel header, 1 x Backplane board header, 1 x COM header, 1 x PMBus header, 1 x IPMB header
Socket	1 x LGA 4710 (Socket E2)	Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012 1 x PROT module connector (only enabled on RoT SKU)
Chipset	System on Chip	PSU Connectors	1 x 24-pin ATX main power connector 3 x 8-pin ATX 12V power connectors 1 x 4-pin 12V standby power connector
Memory	12-Channel DDR5 RDIMM / MCR DIMM*, 12 x DIMM slots RDIMM: Up to 6400 MT/s MCR DIMM: Up to 8000 MT/s *MCR DIMMs are only supported with Intel Xeon 6 CPU with P-cores.	Board Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
LAN	2 x 1Gb/s LAN (2 x Intel® I210-AT) - Support NCSI function 1 x 10/100/1000 Mbps Management LAN	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)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Retail Packaging Content	1 x MA34-CP0, 1 x I/O shield, 1 x Quick start guide, 1 x Carrier, 1 x SlimSAS to 4 x SATA 6Gb/s cable (600mm) Single Box dimensions: 409 x 355 x 78 mm Carton dimensions: 729 x 415 x 432 mm Quantity: 10 x single boxes in one carton
Storage	2 x MCIO 8i for 4 x Gen5 NVMe 3 x SlimSAS 4i for 12 x SATA 6Gb/s 1 x M.2 (2280/22110), PCIe Gen5 x2 1 x M.2 (2280/22110), PCIe Gen5 x2	Bulk Packaging Content	10 x MA34-CP0, 10 x I/O shields, 30 x Carrier clips Carton dimensions: 600 x 473 x 517 mm
RAID	Onboard VROC key header	Reference Numbers	Retail: 9MA34CP0MR-000-1* Bulk: 9MA34CP0NR-000-1*
Expansion Slots	Slot_6: PCIe x16 (Gen5 x16) Slot_4: PCIe x16 (Gen5 x16) Slot_2: PCIe x16 (Gen5 x16 or x8), shared with Slot_1 Slot_1: PCIe x16 (Gen5 x8) 1 x OCP 3.0 slot with PCIe Gen5 x16 bandwidth Supports NCSI function (by switch) 2 x MCIO 8i (Gen5 x8)		



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

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