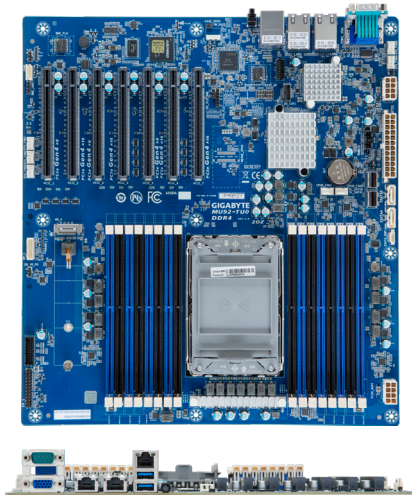


MU92-TU0

Intel Xeon E-ATX Server Motherboard



Features

- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 16 x DIMMs
- Supports Intel® Optane™ Persistent Memory 200 series
- Intel® C621A Express Chipset
- 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2)
- 1 x Dedicated management port
- 2 x 7-pin SATA 6Gb/s ports
- 2 x SlimSAS with 8 x SATA 6Gb/s ports
- 1 x Ultra-Fast M.2 with PCIe Gen3 x4 interface
- 7 x PCIe Gen4 x16 expansion slots
- Aspeed® AST2500 management controller

Specification

Dimensions E-ATX (305W x 330D mm)

CPU 3rd Gen Intel® Xeon® Scalable Processors
Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor,
Intel® Xeon® Silver Processor
10nm technology, CPU TDP up to 270W

Socket 1 x LGA 4189 (Socket P+)

Chipset Intel® C621A Express Chipset

Memory 8-Channel DDR4 memory, 16 x DIMM slots
RDIMM modules up to 64GB supported
LRDIMM modules up to 128GB supported
3DS RDIMM/LRDIMM modules up to 256GB supported
1.2V modules: 3200/2933/2666 MHz

LAN 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2)
1 x 10/100/1000 management LAN

Video Integrated in Aspeed® AST2500
2D Video Graphic Adapter with PCIe bus interface
1920x1200@60Hz 32bpp, DDR4 SDRAM

SATA 2 x 7-pin SATA 6Gb/s ports
2 x SlimSAS with 8 x SATA 6Gb/s ports

RAID Intel® SATA RAID 0/1/10/5

Expansion Slots

- Slot_7: 1 x PCIe x16 (Gen4 x16) slot
- Slot_6: 1 x PCIe x16 (Gen4 x16 or x8) slot, shared with Slot_5
- Slot_5: 1 x PCIe x16 (Gen4 x0 or x8) slot
- Slot_4: 1 x PCIe x16 (Gen4 x16 or x8) slot, shared with Slot_3
- Slot_3: 1 x PCIe x16 (Gen4 x0 or x8) slot
- Slot_2: 1 x PCIe x16 (Gen4 x16 or x8) slot, shared with Slot_1
- Slot_1: 1 x PCIe x16 (Gen4 x0 or x8) slot

1 x M.2 slot:
- M-key
- PCIe Gen3 x4
- Supports NGFF-22110/2280 cards

Internal I/O 1 x 24-pin ATX main power connector, 2 x 8-pin ATX 12V power connectors, 2 x SlimSAS connectors, 2 x 7-pin SATA connectors, 1 x M.2 slot, 2 x CPU fan headers, 5 x System fan headers, 1 x USB 3.0 header, 1 x TPM header, 1 x VROC connector, 1 x Front panel header, 1 x PMBus connector, 1 x IPMB connector, 1 x Clear CMOS jumper, 1 x BIOS recovery jumper, 1 x Case open header, 1 x Buzzer

Rear I/O 2 x USB 3.0, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN, 1 x ID button with LED

TPM 1 x TPM header with SPI interface
Optional TPM2.0 kit: CTM010

OS Compatibility Windows Server 2016 / 2019
RHEL 8.3 (x64) or later
SLES 12 SP5 (x64) / 15 SP2 (x64) or later
Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later
VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later
Citrix Hypervisor 8.2.0 or later

Board Management Aspeed® AST2500 management controller
GIGABYTE Management Console (AMI MegaRAC SP-X)

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

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 MU92-TU0, 1 x I/O shield, 1 x Quick start guide, 1 x SlimSAS for 4 x SATAIII 6Gb/s cable

Bulk Packaging Content 10 x MU92-TU0, 10 x I/O shields
Carton dimensions: 600 x 473 x 495 mm

Reference Numbers Retail: 9MU92TU0MR-00
Bulk: 9MU92TU0NR-00
- I/O shield: 12AIO-MU92TU-00R
- SlimSAS for 4 x SATAIII 6Gb/s cable: 25CFM-600700-A4R

* All specifications are subject to change without notice. Please visit our website for the latest information.

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