

GIGABYTE™

Intel-based Server Solutions

Servers / Motherboards / Barebone Servers / Accessories



2025 2H



About Giga Computing

Giga Computing Technology is an industry innovator and leader in the enterprise computing market. Having spun off from GIGABYTE, we maintain hardware expertise in manufacturing and product design, while operating as a standalone business that can drive more investment into core competencies. We offer a complete product portfolio that addresses all workloads from the data center to edge including traditional and emerging workloads in HPC and AI to data analytics, 5G/edge, cloud computing, and more. Our longstanding partnerships with key technology leaders ensure that our new products will be the most advanced and launch with new partner platforms. Our systems embody performance, security, scalability, and sustainability.

GPU Server (P. 3)



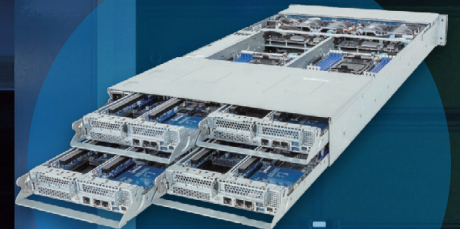
Offering industry leading GPU density due to excellent thermal and mechanical design, and built for HPC, AI, and high-performance parallel processing

MGX Server (P. 10)



NVIDIA MGX modular servers in the X Series enable rapid and efficient data center deployment for applications in AI, HPC, and 5G

High-density Server (P. 12)



Combining four hot-swappable nodes in a chassis, offering extreme CPU compute density excellent for HPC, HCI, and edge computing

Storage Server (P. 11)



Designed to accommodate an incredible volume of hard drives and to be compatible with modern storage software

Rack Server (P. 14)



1U and 2U general-purpose systems, offering the best balance of compute, memory, storage, and expandability

Edge Server (P. 26)



1U and 2U short depth servers, moving data collection away from data centers and improving latency

Tower Server / Workstation (P. 28)



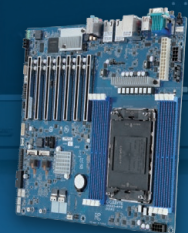
Deliver simplicity, versatility and high performance for animation studios, and software developers

Direct Liquid Cooling (P. 29)

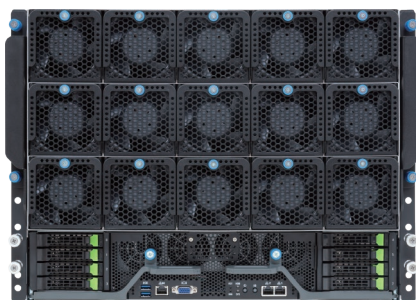
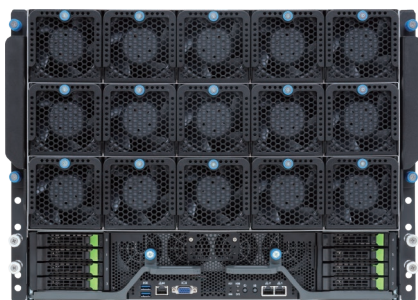


Efficient cooling & heat dissipation for performance demanding servers are possible with direct to chip liquid cooling

Motherboard (P. 32)



Single and dual socket options supporting Gen4/Gen5 NVMe drives and PCIe 4.0 and/or 5.0 lanes

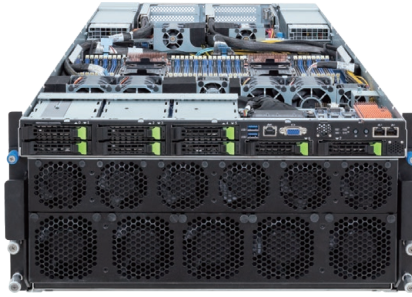
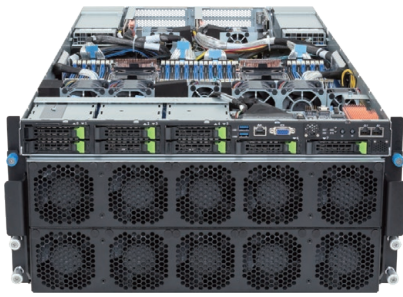


Model	G894-SD1-AAX5	G893-SD1-AAX3 / AAX5	G893-SG1-AAX1
Motherboard	MSB4-PE0	MSB3-PE0	MSB3-PE0
Form Factor	8U (W447 x H351 x D923 mm)	8U (W447 x H351 x D923 mm)	8U (W447 x H351 x D923 mm)
GPU	NVIDIA HGX™ B200 8-GPU	[AAX3] NVIDIA HGX™ H200 8-GPU [AAX5] NVIDIA HGX™ B200 8-GPU	Intel® Gaudi® 3 AI accelerators
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W
Chipset	System on Chip	Intel® C741 chipset	Intel® C741 chipset
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000MT/s ^[1]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 8 x 2.5"Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 5.0 x4 & x2)	Front hot-swap: 8 x 2.5"Gen5 NVMe/SATA Internal M.2: 2 x M.2 (PCIe 3.0 x2 & x1)	Front hot-swap: 8 x 2.5"Gen5 NVMe/SATA Internal M.2: 2 x M.2 (PCIe 3.0 x2 & x1)
Expansion Slots	4 x PCIe 5.0 x16 FHHL (dual-slot) 8 x PCIe 5.0 x16 FHHL (single-slot)	4 x PCIe 5.0 x16 FHHL (dual-slot) 8 x PCIe 5.0 x16 FHHL (single-slot)	4 x PCIe 5.0 x16 FHHL (dual-slot) 8 x PCIe 5.0 x16 FHHL (single-slot)
I/O Ports	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN (default) Rear: 1 x MLAN	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN (default) Rear: 1 x MLAN	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN (default) Rear: 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	6+6 redundant power supply 3000W 80+ Titanium	[AAX3] 4+4 redundant power supply [AAX5] 6+6 redundant power supply 3000W 80+ Titanium	5+5 redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture [AAX3] NVIDIA-Certified Systems™	Dual ROM architecture

^[1] MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores and in a 1DPC configuration.

^[2] 4th Gen Intel Xeon Scalable Processors & Intel Xeon CPU Max Series support up to 4800MT/s (1DPC) and 4400MT/s (2DPC).
5th Gen Intel Xeon Scalable Processors support up to 5600MT/s (1DPC) and 4400MT/s (2DPC).

GPU Server



Model	G593-SX1-AAX1	G593-SD1-AAX3	G494-SB0-AAP2
Motherboard	MSB3-G41	MSB3-G41	MSB4-G40
Form Factor	5U (W447 x H221.2 x D965 mm)	5U (W447 x H219.7 x D945 mm)	4U (W448 x H176 x D880 mm)
GPU	AMD Instinct™ MI300X 8-GPU	NVIDIA HGX™ H200 8-GPU	Supports 8 x Dual slot Gen5 GPUs
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710 TDP up to 350W
Chipset	Intel® C741 chipset	Intel® C741 chipset	System on Chip
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000MT/s ^[1]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4 4 x 2.5" SATA/SAS4 *Storage card is required to support SATA/SAS
Expansion Slots	4 x PCIe 5.0 x16 FHHL 8 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHHL 8 x PCIe 5.0 x16 LP	8 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x8 FHHL
I/O Ports	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN (default) Rear: 1 x MLAN	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN (default) Rear: 1 x MLAN	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN Rear: N/A
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	4+2 redundant power supply 3000W 80+ Titanium	4+2 redundant power supply 3000W 80+ Titanium	4 x redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture NVIDIA-Certified Systems™	Dual ROM architecture Supports 8 x NVIDIA H200 NVL with 4-way NVLink bridges



Model	G494-SB1-AAP2	G494-SB3-AAP1	G494-SB4-AAP2
Motherboard	MSB4-G40	MSB4-G40	MSB4-G40
Form Factor	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)
GPU	Supports 10 x Dual slot Gen5 GPUs	Supports 8 x Dual slot Gen5 GPUs	Supports 8 x Dual slot Gen5 GPUs
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000MT/s ^[1]	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000MT/s ^[1]	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000MT/s ^[1]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS
Expansion Slots	10 x PCIe 5.0 x16 FHFL for GPUs* 2 x PCIe 5.0 x16 FHHL *with PCIe switches	8 x PCIe 5.0 x16 FHFL for GPUs* 8 x PCIe 5.0 x16 LP* 2 x PCIe 5.0 x16 FHHL *with PCIe switches	8 x PCIe 5.0 x16 FHFL for GPUs* 2 x PCIe 5.0 x16 FHHL (front) 2 x PCIe 5.0 x16 FHHL* 3 x PCIe 5.0 x16 LP* *with PCIe switches
I/O Ports	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN Rear: N/A	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN Rear: N/A	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN Rear: N/A
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	4 x redundant power supply 3000W 80+ Titanium	4 x redundant power supply 3000W 80+ Titanium	4 x redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 8 x NVIDIA H200 NVL with 4-way NVLink bridges	Dual ROM architecture	Dual ROM architecture Supports 8 x NVIDIA H200 NVL with 4-way NVLink bridge

GPU Server

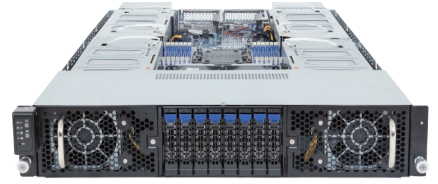
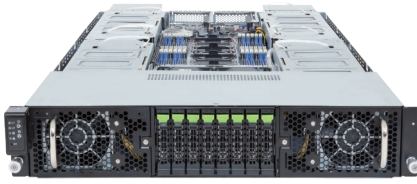


Model	G493-SB0-AAP1	G493-SB1-AAP1	G493-SB2-AAP1
Motherboard	MSB3-G40	MSB3-G40	MSB3-G40
Form Factor	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)
GPU	Supports 8 x Dual slot Gen5 GPUs	Supports 10 x Dual slot Gen5 GPUs	Supports 8 x Dual slot Gen5 GPUs
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W
Chipset	Intel® C741 chipset	Intel® C741 chipset	Intel® C741 chipset
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 8 x 3.5"/2.5" Gen5 NVMe/SATA 4 x 3.5"/2.5" SATA Internal M.2: 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 3.0 x1)
Expansion Slots	8 x PCIe 5.0 x16 FHFL for GPUs	10 x PCIe 5.0 x16 FHFL for GPUs* 2 x PCIe 5.0 x16 LP *with PCIe switches	8 x PCIe 5.0 x16 FHFL for GPUs* 4 x PCIe 5.0 x16 FHFL* 2 x PCIe 5.0 x16 LP *with PCIe switches
I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN Rear: N/A	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN Rear: N/A	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN Rear: N/A
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	3+1 redundant power supply 3000W 80+ Titanium	3+1 redundant power supply 3000W 80+ Titanium	3+1 redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture NVIDIA-Certified Systems™	Dual ROM architecture	Dual ROM architecture

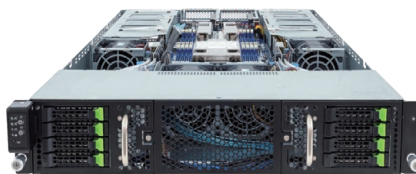


Model	G493-SB3-AAP1	G493-SB4-AAP1	G363-SR0-AAX1 / AAX4
Motherboard	MSB3-G40	MSB3-G40	MS63-HD2
Form Factor	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)	3U (W448 x H130 x D800 mm)
GPU	Supports 8 x Dual slot Gen5 GPUs	Optimized for NVIDIA OVX™ L40S Server with 8 GPUs configuration	[AAX1] NVIDIA HGX™ H100 4-GPU [AAX4] NVIDIA HGX™ H200 4-GPU
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 NVIDIA OVX spec: 2 x Intel® Xeon® Gold 8480+	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W
Chipset	Intel® C741 chipset	Intel® C741 Chipset	Intel® C741 Chipset
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) [2]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) [2] NVIDIA OVX spec: Min 768GB DDR5	8-Channel DDR5 RDIMM, 16 x DIMMs Up to 5600 MT/s [2]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 NVIDIA OVX spec: 1 x 1TB NVMe Host Boot Drive, 2 x 4TB NVMe Host Storage Internal M.2: 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 4.0 x4)
Expansion Slots	8 x PCIe 5.0 x16 FHFL for GPUs* 8 x PCIe 5.0 x16 LP* 2 x PCIe 5.0 x16 LP (front) *with PCIe switches	8 x PCIe 5.0 x16 FHFL for GPUs* 2 x PCIe 5.0 x16 FHFL 4 x PCIe 5.0 x16 LP* 1 x PCIe 4.0 x16 LP NVIDIA OVX spec: 8 x NVIDIA L40S GPUs, 1 x BlueField-3 B3220 DPU, 4 x ConnectX-7 NICs	2 x PCIe 5.0 x16 LP (front) 4 x PCIe 5.0 x16 LP* *with PCIe switches
I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN Rear: N/A	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN Rear: N/A	Front: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN (default) Rear: 2 x RJ45, 1 x MLAN
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	3+1 redundant power supply 3000W 80+ Titanium	3+1 redundant power supply 3000W 80+ Titanium	2+1 redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture NVIDIA-Certified Systems™	Dual ROM architecture NVIDIA-Certified Systems™	Dual ROM architecture NVIDIA-Certified Systems™

GPU Server

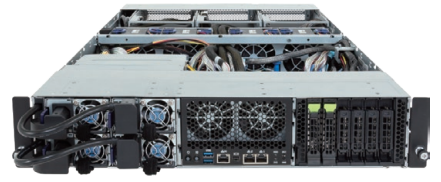
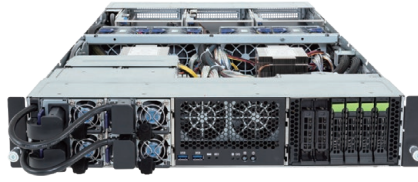


Model	G294-S41 / S42 / S43	G294-S45-AAP2	G294-A21 / A22 / A23
Motherboard	MS44-G20	MS44-G21	MA24-G20
Form Factor	2U (W448 x H87.5 x D850 mm)	2U (W448 x H87.5 x D850 mm)	2U (W448 x H87.5 x D850 mm)
GPU	[G294-S41-AAP2] Supports 4 x Dual slot Gen5 GPUs [G294-S42-AAP2] Supports 8 x Dual slot Gen5 GPUs [G294-S43-AAP2] Supports 16 x Single slot Gen5 GPUs	[G294-S45-AAP2] Supports 8 x Dual slot Gen5 GPUs	[G294-A21-AAP2] Supports 4 x Dual slot Gen5 GPUs [G294-A21-AAP2] Supports 8 x Dual slot Gen5 GPUs [G294-A21-AAP2] Supports 16 x Single slot Gen5 GPUs
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Single processor, LGA 7529 TDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel DDR5 RDIMM/MRDIMM, 16 x DIMMs RDIMM: Up to 6400MT/s MRDIMM: Up to 8000 MT/s ^[1]	12-Channel DDR5 RDIMM/MRDIMM, 12 x DIMMs RDIMM: Up to 6400MT/s MRDIMM: Up to 8800 MT/s ^[1]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives	Front hot-swap: 8 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives	Front hot-swap: 8 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives *Supports 2 x Gen5 NVMe with optional cables
Expansion Slots	[S41] 4 x PCIe 5.0 x16 or 8 x PCIe 5.0 x8 FHFL [S42] 8 x PCIe 5.0 x16 FHFL for GPUs* [S43] 16 x PCIe 5.0 x16 FHFL for GPUs* *with PCIe switches 2 x PCIe 5.0 x16 LP	8 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 LP	[A21] 4 x PCIe 5.0 x16 or 8 x PCIe 5.0 x8 FHFL [A22] 8 x PCIe 5.0 x16 FHFL for GPUs* [A23] 16 x PCIe 5.0 x16 FHFL for GPUs* *with PCIe switches 2 x PCIe 5.0 x16 LP
I/O Ports	Rear: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN	Rear: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN	Rear: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture [S41] Supports 4 x NVIDIA H200 NVL [S42] Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges	Dual ROM architecture Supports 4 x NVIDIA H200 NVL	Dual ROM architecture [A21] Supports 4 x NVIDIA H200 NVL [A22] Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges



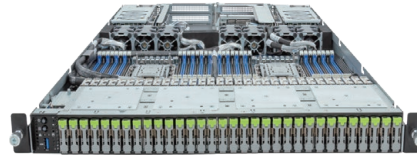
Model	G293-S41 / S42 / S43	G293-S46-AAM1	G293-S47-AAP1
Motherboard	MS43-G20	MS43-G21	MS43-G21
Form Factor	2U (W448 x H87.5 x D800 mm)	2U (W448 x H87.5 x D800 mm)	2U (W448 x H87.5 x D800 mm)
GPU	[G293-S41-AAP1] Supports 4 x Dual slot Gen5 GPUs [G293-S42-AAP1] Supports 8 x Dual slot Gen5 GPUs [G293-S43-AAP1] Supports 16 x Single slot Gen5 GPUs	Supports 4 x Dual slot Gen5 GPUs	Optimized for NVIDIA OVX™ L40S Server with 4 GPUs configuration
CPU	5th/4th Gen Intel® Xeon® Scalable Dual processors, LGA4677 TDP up to 225W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Dual processors, LGA4677 TDP up to 225W NVIDIA OVX spec: 2 x Intel® Xeon® Gold 6448Y
Chipset	Intel® C741 chipset	Intel® C741 Chipset	Intel® C741 chipset
Memory	8-Channel DDR5 RDIMM, 24 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8-Channel DDR5 RDIMM, 16 x DIMMs Up to 5600 MT/s ^[2]	8-Channel DDR5 RDIMM, 16 x DIMMs Up to 5600 MT/s ^[2] NVIDIA OVX spec: Minimum 384GB DDR5 ECC
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS 4 x 2.5" SATA/SAS *SAS card is required to support SAS drives	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS *SAS card is required to support SAS drives	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS NVIDIA OVX spec: 1 x 1TB NVMe Host Boot Drive, 2 x 4TB NVMe Host Storage
Expansion Slots	[S41] 4 x PCIe 5.0 x16 or 8 x PCIe 5.0 x8 FHFL [S42] 8 x PCIe 5.0 x16 FHFL for GPUs* [S43] 16 x PCIe 5.0 x16 FHFL for GPUs* *with PCIe switches 2 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL 2 x PCIe 5.0 x16 LP NVIDIA OVX spec: 4 x NVIDIA L40S GPUs, 1 x BlueField-3 B3220 DPU, 2 x ConnectX-7 NICs
I/O Ports	Rear: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN	Rear: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN	Rear: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply 2200W 80+ Titanium	Dual redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture [S42/S43] NVIDIA-Certified Systems™	Dual ROM architecture	Dual ROM architecture NVIDIA-Certified Systems™

MGX Server



Model	XV24-AX0-AAJ1	XV24-SX0-AAJ1	XV24-SU0-AAJ1
Motherboard	MAX4-MG0	MSX4-MG0	MSU4-MG0
Form Factor	2U (W438 x H87 x D900 mm) NVIDIA MGX™ modular server design	2U (W438 x H87 x D900 mm) NVIDIA MGX™ modular server design	2U (W438 x H87 x D900 mm) NVIDIA MGX™ modular server design
GPU	Supports 4 x Dual slot Gen5 GPUs	Supports 4 x Dual slot Gen5 GPUs	Supports 4 x Dual slot Gen5 GPUs
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 6 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 5.0 x2)	Front hot-swap: 4 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 5.0 x2)	Front hot-swap: 2 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 5.0 x4)
Expansion Slots	4 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHFL for NICs 1 x PCIe 5.0 x16 FHFL for DPUs	4 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHFL for NICs 1 x PCIe 5.0 x16 FHFL for DPUs	4 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHFL for NICs 1 x PCIe 5.0 x16 FHFL for DPUs
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN Rear: N/A
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	3+1 redundant power supply 2000W 80+ Titanium	3+1 redundant power supply 2000W 80+ Titanium	4 x redundant power supply 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges	Dual ROM architecture Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges	Dual ROM architecture Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges

Storage Server



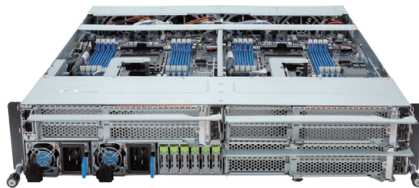
Model	S453-S70-AAV1	S183-SH0-AAV1 / AAJ1
Motherboard	MS73-HB0	MSH3-ES0
Form Factor	4U (W482.6 x H177 x D625 mm)	1U (W438 x H43.5 x D730 mm)
CPU	5th/4th Gen Intel® Xeon® Scalable Dual processors, LGA4677 TDP up to 270W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677 TDP up to 350W
Chipset	Intel® C741 Chipset	Intel® C741 Chipset
Memory	8-Channel DDR5 RDIMM, 16 x DIMMs Up to 5600 MT/s ^[2]	8-Channel DDR5 RDIMM, 32 x DIMMs Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]
LAN	2 x 10Gb/s LAN 2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front side: 24 x 3.5"/2.5 SATA/SAS hot-swap bays* Rear side: 12 x 3.5"/2.5 SATA/SAS hot-swap bays* 2 x 2.5" SATA bays for boot drives Default support: 2 x SATA on rear side *Broadcom SAS35x48 expander SAS card is required to enable the drive bays Internal M.2: 2 x M.2 (PCIe 4.0 x4)	Front side: 32 x 9.5mm E1.S NVMe hot-swap bays Optional compatible RAID Cards: NVMe/NVMe-oF RAID cards with SupremeRAID by Graid Technology (SR-1000-FD32, SR-1010-FD32) Support RAID 0/1/5/6/10 Internal M.2: 2 x M.2 (PCIe 3.0 x4 or SATA)
Expansion Slots	6 x PCIe 5.0 x16 LP	1 x PCIe 5.0 x16 FHHL 1 x PCIe 5.0 x16 (x16 or x8) FHHL 1 x PCIe 5.0 x16 (x0 or x8) FHHL
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x VGA 1 x RJ45 COM 4 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply 1600W 80+ Titanium	Dual redundant power supply [AAV1] 1600W 80+ Titanium [AAJ1] 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Onboard 12Gb/s SAS expander	Dual ROM architecture

High Density Server



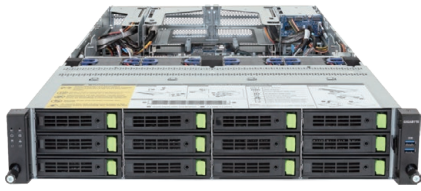
Model	H374-A80 / A81	H274-S60-AAW1	H274-S61-AAW1
Motherboard	MA84-HD0	MS64-HD0	MS64-HD0
Form Factor	3U 4 Nodes - Rear access (W447 x H130.5 x D900 mm)	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)
CPU	Intel® Xeon® 6 Processors (6900-series) Dual processors per node, LGA 7529 [H374-A80-AAW1] TDP up to 500W at 30°C ambient with 2 x LP cards [H374-A81-AAW1] TDP up to 500W at 35°C ambient with 2 x LP cards	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors per node, LGA 4710 TDP up to 225W at 35°C ambient	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors per node, LGA 4710 TDP up to 350W at 30°C ambient with OCP card
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs per node RDIMM: Up to 6400 MT/s ^[1] MRDIMM: Up to 8800 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs per node RDIMM: Up to 6400 MT/s MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs per node RDIMM: Up to 6400 MT/s MRDIMM: Up to 8000 MT/s ^[1]
LAN	8 x 1Gb/s LAN 4 x MLAN	8 x 1Gb/s LAN 4 x MLAN	8 x 1Gb/s LAN 4 x MLAN
Storage	Front hot-swap: [A80] 24 x 2.5" Gen5 NVMe/SATA/SAS4 [A81] 8 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Optional internal M.2: 4 x M.2 (PCIe 4.0 x4)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Optional internal M.2: 4 x M.2 (PCIe 4.0 x4)
Expansion Slots	16 x PCIe 5.0 x16 LP	8 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16
I/O Ports	Front: N/A Rear: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN	Front: N/A Rear: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN	Front: N/A Rear: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	Triple redundant power supply 3000W 80+ Titanium	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC ASPEED® AST2620 CMC GIGABYTE Management Console	ASPEED® AST2600 BMC ASPEED® AST2620 CMC GIGABYTE Management Console	ASPEED® AST2600 BMC ASPEED® AST2620 CMC GIGABYTE Management Console
Other Features	Dual ROM architecture Multiplexing Management Topology	Dual ROM architecture Multiplexing Management Topology	Dual ROM architecture Multiplexing Management Topology

High Density Server



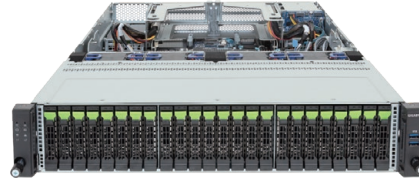
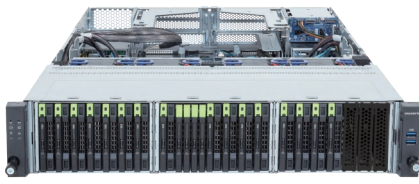
Model	H263-S66/S67	H223-S10-AAP1	B343-X40-AAS1
Motherboard	MS63-HD1	MS13-HD0	MX44-BL0
Form Factor	2U 4 Nodes - Rear access (W440 x H87.5 x D840 mm)	2U 3 Nodes - Front access (W447.8 x H87.5 x D500 mm)	3U 10 Nodes - Front access (W447 x H131.95 x D760 mm)
CPU	5th/4th Gen Intel® Xeon® Scalable Dual processors per node, LGA 4677 [H263-S66-AAW1] TDP up to 225W at 35°C ambient [H263-S67-AAW1] TDP up to 350W at 30°C ambient with OCP card	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Single processor per node, LGA 4677 TDP up to 350W at 35°C ambient with 1 x LP card	Intel® Xeon® 6300-Series Processors Intel® Xeon® E-2400 Processors Single processor per node, LGA 1700 TDP up to 95W
Chipset	Intel® C741 Chipset	Intel® C741 Chipset	Intel® C262 Chipset
Memory	8-Channel DDR5 RDIMM 16 x DIMMs per node Up to 5600 MT/s ^[2]	8-Channel DDR5 RDIMM 8 x DIMMs per node Up to 5600 MT/s ^[2]	2-Channel DDR5 UDIMM 4 x DIMMs per node Up to 4400MT/s (1DPC), 3600MT/s (2DPC/2R)
LAN	4 x MLAN 1 x CMC	2 x CMC MLAN	20 x 1Gb/s LAN 10 x MLAN 2 x CMC MLAN
Storage	Front hot-swap: [S66] 24 x 2.5" Gen5 NVMe/SATA/SAS4 [S67] 8 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Optional internal M.2: 4 x M.2 (PCIe 4.0 x4)	Front hot-swap: 6 x 9.5mm E1.S Gen4 NVMe Internal M.2: 3 x M.2 (SATA)	Internal: 20 x 2.5" Gen4 NVMe/SATA bays 10 x M.2 (PCIe 3.0 x2)
Expansion Slots	[S66] 8 x PCIe 5.0 x16 LP [S67] 4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	6 x PCIe 5.0 x16 FHHL 3 x PCIe 5.0 x16 LP 3 x PCIe 5.0 x8 LP	10 x PCIe 5.0 x16 FHHL 3 x OCP 3.0 Gen4 x16
I/O Ports	Front: N/A Rear: 8 x USB 3.2 Gen1 4 x VGA 4 x RJ45 MLAN 1 x CMC	Front: 3 x USB 3.2 Gen1 (Type-C) 3 x Mini-DP 2 x CMC MLAN Rear: N/A	Front: 20 x USB 3.2 Gen1 10 x Mini-DP 20 x RJ45 10 x MLAN Rear: 2 x CMC MLAN
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply 3000W 80+ Titanium *Optional 2+1 redundant configuration	1+1 redundant power supply 3000W 80+ Titanium	1+1 redundant power supply 3200W 80+ Titanium
System Management	ASPEED® AST2600 BMC ASPEED® AST2520 CMC GIGABYTE Management Console	ASPEED® AST2600 BMC ASPEED® AST2520 CMC GIGABYTE Management Console	ASPEED® AST2600 BMC ASPEED® AST2620 CMC GIGABYTE Management Console
Other Features	Dual ROM architecture Ring Topology Management (optional)	Dual ROM architecture Ring Topology Management	Ring Topology Management

Rack Server



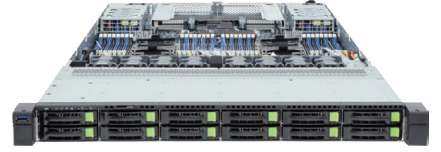
Model	R284-A90-AAL1	R284-A90-AAL2	R284-A91-AAL1
Motherboard	MA94-FS0	MA94-FS0	MA94-FS0
Form Factor	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 8 x 3.5"/2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 36 x E3.S Gen5 NVMe Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)
Expansion Slots	2 x PCIe 5.0 x16 FHHL (Dual-slot) 2 x PCIe 5.0 x16 FHHL (Single-slot) 1 x PCIe 5.0 x16 LP 2 x OCP 3.0 Gen5 x16	6 x PCIe 5.0 x16 FHHL 4 x PCIe 5.0 x8 LP 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 2700W 80+ Titanium	1+1 redundant power supply 2700W 80+ Titanium	1+1 redundant power supply 2700W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture	Dual ROM architecture

Rack Server



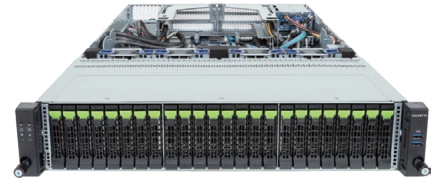
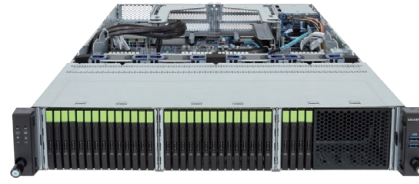
Model	R284-A91-AAL3	R284-A92-AAL1	R284-A93-AAS1
Motherboard	MA94-FS0	MA94-FS0	MA94-FS0
Form Factor	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs 16 x E3.S 2T bays for CXL memory modules	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x E3.S Gen5 NVMe Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)
Expansion Slots	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL (Dual-slot) 2 x PCIe 5.0 x16 FHHL (Single-slot) 1 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHHL (Single-slot) 1 x PCIe 5.0 x16 LP 2 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 2700W 80+ Titanium	1+1 redundant power supply 2700W 80+ Titanium	1+1 redundant power supply 3200W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture	Dual ROM architecture Supports 2 x Dual slot Gen5 GPUs

Rack Server



Model	R284-A94-AAL1	R184-A90-AAJ1	R184-A92-AAJ1
Motherboard	MA94-FS0	MA94-FS0	MA94-FS0
Form Factor	2U (W438 x H87.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4* 8 x 3.5"/2.5" SATA/SAS4* Rear hot-swap: 2 x 2.5" SATA/SAS4* *Storage card is required to support SATA/SAS Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)
Expansion Slots	6 x PCIe 5.0 x16 FHHL 1 x PCIe 5.0 x16 LP 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 2700W 80+ Titanium	Dual redundant power supply 2000W 80+ Titanium	Dual redundant power supply 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Onboard 24Gb/s SAS-4 expander	Dual ROM architecture	Dual ROM architecture

Rack Server



Model	R284-S90-AAJ1	R284-S91-AAJ1/AAJ2	R284-S92-AAJ1
Motherboard	MS94-FS0	MS94-FS0	MS94-FS0
Form Factor	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs [AAJ2] 8 x E3.S 2T for CXL memory modules	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe//SATA/SAS4 *Storage card is required to support SATA/SAS Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: [AAJ1] 32 x E3.S Gen5 NVMe [AAJ2] 16 x E3.S Gen5 NVMe Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)
Expansion Slots	2 x PCIe 5.0 x16 FHHL (Dual-slot) 2 x PCIe 5.0 x16 FHHL (Single-slot) 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL (Dual-slot) 1 x PCIe 5.0 x16 FHHL (Single-slot) 1 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 2000W 80+ Titanium	1+1 redundant power supply 2000W 80+ Titanium	1+1 redundant power supply 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture [AAJ2] Supports 8 x CXL memory modules	Dual ROM architecture

Rack Server



Model	R284-S93-AAL1	R284-SF0-AAL1	R184-SF1-AAJ1
Motherboard	MS94-F50	MSF4-GP0	MSF4-GP0
Form Factor	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Rear hot-swap: 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: 12 x 2 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 1 x M.2 (PCIe 5.0 x4)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 1 x M.2 (PCIe 5.0 x4)
Expansion Slots	2 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHHL (Single-slot) 2 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHHL (Single-slot) 1 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL for GPU 1 x PCIe 5.0 x16 FHFL 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 2700W 80+ Titanium	Dual redundant power supply 2700W 80+ Titanium	Dual redundant power supply 2700W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 2 x Dual slot Gen5 GPUs	Dual ROM architecture Supports 4 x Dual slot Gen5 GPUs	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU

Rack Server



Model	R184-S90-AAV1	R184-S91-AAV1	R184-S92-AAV1	R184-S94-AAV1
Motherboard	MS94-FS0	MS94-FS0	MS94-FS0	MS94-FS0
Form Factor	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 6 x 9.5mm E1.S NVMe 8 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *Storage card is required to support SATA/SAS Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 16 x E3.S Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 5.0 x2)
Expansion Slots	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 1600W 80+ Titanium	Dual redundant power supply 1600W 80+ Titanium	Dual redundant power supply 1600W 80+ Titanium	Dual redundant power supply 1600W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture	Dual ROM architecture	Dual ROM architecture

Rack Server

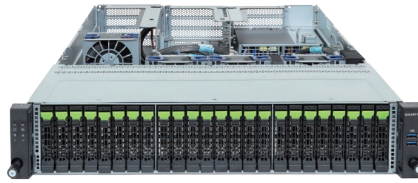


Model	R264-AG0-AAS1	R164-AG0-AAV1	R164-AG2-AAJ1
Motherboard	MAG4-GU0	MAG4-GU0	MAG4-GU0
Form Factor	2U (W438 x H87.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Single processor, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Single processor, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Single processor, LGA 7529 TDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 12 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 12 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	12-Channel RDIMM/MRDIMM 12 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]
LAN	1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 2 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 10 x 3.5"/2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA support	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA support	Front hot-swap: 6 x 2.5" Gen5 NVMe/SATA/SAS4 6 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA support
Expansion Slots	4 x PCIe 5.0 x16 FHFL for GPUs 1 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	Dual redundant power supply 3200W 80+ Titanium	Dual redundant power supply 1600W 80+ Titanium	Dual redundant power supply 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 4 x Dual slot Gen5 GPUs	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU



Model	R264-S30-AAV1	R264-S33-AAL1	R264-SG0-AAS1
Motherboard	MS34-DC0	MS34-DC0	MSG4-GU0
Form Factor	2U (W438 x H87.5 x D710 mm)	2U (W438 x H87.5 x D710 mm)	2U (W438 x H87.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	1 x MLAN
Storage	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA support	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 8 x 3.5"/2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA support	Front hot-swap: 12 x 3.5"/2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2)
Expansion Slots	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	3 x PCIe 5.0 x16 FHFL for GPUs 1 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHFL for GPUs 1 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 1600W 80+ Titanium	1+1 redundant power supply 2700W 80+ Titanium	1+1 redundant power supply 3200W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture Supports 3 x Dual slot Gen5 GPUs	Dual ROM architecture Supports 4 x Dual slot Gen5 GPUs

Rack Server



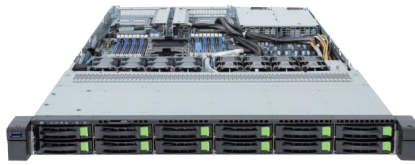
Model	R264-SG2-AAS1	R264-SG3-AAJ1	R264-SG5-AAJ1
Motherboard	MSG4-GU1	MSG4-GU1	MSG4-GU1
Form Factor	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W Optimized for R1S CPUs	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W Optimized for R1S CPUs	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W Optimized for R1S CPUs
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4* *SAS card is required to support SAS drives. *Please select CPUs with 136 PCIe lanes to enable all NVMe support. Internal M.2: 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4* *Storage card is required to support SATA/SAS. *Please select CPUs with 136 PCIe lanes to enable all NVMe support. Internal M.2: 2 x M.2 (PCIe 5.0 x2)	Front hot-swap: 28 x E3.S Gen5 NVMe* *Please select CPUs with 136 PCIe lanes to enable all NVMe support. Internal M.2: 2 x M.2 (PCIe 5.0 x2)
Expansion Slots	3 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL for GPUs* 1 x PCIe 5.0 x16 FHFL* 1 x OCP 3.0 Gen5 x16 *Please select CPUs with 136 PCIe lanes to enable all NVMe support.	1 x PCIe 5.0 x16 FHFL for GPUs 1 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL for GPUs
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	1+1 redundant power supply 3200W 80+ Titanium	1+1 redundant power supply 2000W 80+ Titanium	1+1 redundant power supply 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 4 x Dual slot Gen5 GPUs	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU

Rack Server



Model	R164-SG0-AAH1	R164-SG2-AAV1	R164-SG5-AAV1	R164-SG6-AAJ1
Motherboard	MSG4-GU0	MSG4-GU0	MSG4-GU1	MSG4-GU1
Form Factor	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W Optimized for R1S CPUs	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W Optimized for R1S CPUs
Chipset	System on Chip	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]
LAN	1 x MLAN	1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4 8 x 2.5" SATA/SAS4 *SAS card is required to support SAS Internal M.2: 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS . *Please select CPUs with 136 PCIe lanes to enable all NVMe support. Internal M.2: 1 x M.2 (PCIe 5.0 x2)	Front hot-swap: 16 x E3.S Gen5 NVMe* *Please select CPUs with 136 PCIe lanes to enable all NVMe support. Internal M.2: 2 x M.2 (PCIe 5.0 x2)
Expansion Slots	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL* 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16 *Please select CPUs with 136 PCIe lanes to enable all NVMe support.	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL* 1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16 *Please select CPUs with 136 PCIe lanes to enable all NVMe support.
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	Dual redundant power supply 1300W 80+ Titanium	Dual redundant power supply 1600W 80+ Titanium	Dual redundant power supply 1600W 80+ Titanium	Dual redundant power supply 2000W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU	Dual ROM architecture Supports 1 x Dual slot Gen5 GPU

Rack Server



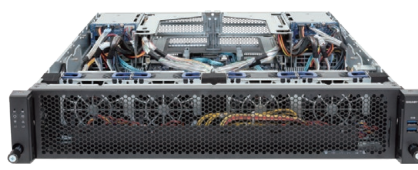
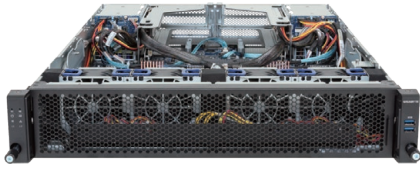
Model	R164-S30-AAG1	R164-S32-AAG1	R133-X10-AAA2
Motherboard	MS34-DC0	MS34-DC0	MX14-BL1
Form Factor	1U (W438 x H43.5 x D710 mm)	1U (W438 x H43.5 x D710 mm)	1U (W438 x H43.5x D710 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400 / G7400T Single processor, LGA1700 TDP up to 95W
Chipset	System on Chip	System on Chip	Intel® C262 Chipset
Memory	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	2-Channel ECC UDIMM 4 x DDR5 DIMMs Up to 4400MT/s (1DPC), 4000MT/s (2DPC/1R), 3600MT/s (2DPC/2R)
LAN	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA	Front hot-swap: 2 x 3.5"/2.5" Gen4 NVMe/SATA 2 x 3.5"/2.5" SATA Internal M.2: 1 x M.2 (PCIe 4.0 x4)
Expansion Slots	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	1 x PCIe 4.0 x4 FHHL
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM010
Power Supply	Dual redundant power supply 800W 80+ Titanium	1+1 redundant power supply 1300W 80+ Titanium	1+1 redundant power supply [AAA2] 550W 80+ Platinum [AAG2] 800W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture	N/A

Rack Server

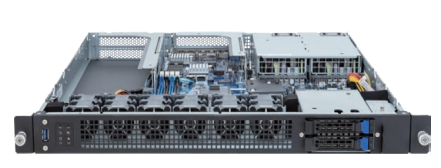
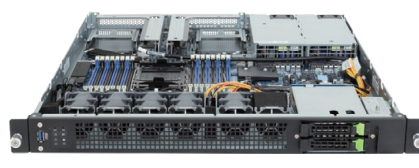
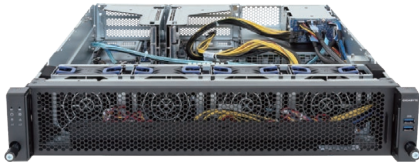


Model	R133-X11-AAB1/AAG1	R133-X13-AAB1/AAG1	R123-X00-AA01	R113-X30-AA02
Motherboard	MX14-BL0	MX14-BL1	MX04-CE0	MX34-BS0
Form Factor	1U (W438 x H43.5x D710 mm)	1U (W438 x H43.5x D710 mm)	1U (W438 x H43.5x D536 mm)	1U (W430 x H43.5 x D393.2 mm)
CPU	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400 / G7400T Single processor, LGA1700 TDP up to 95W	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400 / G7400T Single processor, LGA1700 TDP up to 95W	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400 / G7400T Single processor, LGA1700 TDP up to 95W	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400 / G7400T Single processor, LGA1700 TDP up to 95W
Chipset	Intel® C262 Chipset	Intel® C262 Chipset	Intel® C262 Chipset	Intel® C262 Chipset
Memory	2-Channel ECC UDIMM 4 x DDR5 DIMMs Up to 4400MT/s (1DPC), 4000MT/s (2DPC/1R), 3600MT/s (2DPC/2R)	2-Channel ECC UDIMM 4 x DDR5 DIMMs Up to 4400MT/s (1DPC), 4000MT/s (2DPC/1R), 3600MT/s (2DPC/2R)	2-Channel ECC UDIMM 4 x DDR5 DIMMs Up to 4400MT/s (1DPC), 4000MT/s (2DPC/1R), 3600MT/s (2DPC/2R)	2-Channel ECC UDIMM 4 x DDR5 DIMMs Up to 4400MT/s (1DPC), 4000MT/s (2DPC/1R), 3600MT/s (2DPC/2R)
LAN	2 x 1Gb/s LAN 2 x 10Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" SATA 4 x 2.5" 7mm SATA Internal M.2: 1 x M.2 (PCIe 4.0 x4)	Front hot-swap: 4 x 3.5"/2.5" SATA Internal M.2: 1 x M.2 (PCIe 4.0 x4)	Front hot-swap: 4 x 3.5"/2.5" SATA Internal M.2: 1 x M.2 (PCIe 4.0 x4)	Front hot-swap: 2 x 2.5" SATA Internal: 2 x 2.5" SATA 1 x M.2 (PCIe 4.0 x4)
Expansion Slots	1 x PCIe 5.0 x16 FHFL or 2 x PCIe 5.0 x8 FHFL for GPUs 1 x PCIe 4.0 x4 FHHL	1 x PCIe 5.0 x16 FHFL or 2 x PCIe 5.0 x8 FHFL for GPUs 1 x PCIe 4.0 x4 FHHL	1 x PCIe 5.0 x16 FHHL 2 x PCIe 4.0 x4 LP	1 x PCIe 5.0 x16 FHHL
I/O Ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 4 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x COM 1 x VGA 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x COM 1 x VGA 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010
Power Supply	1+1 redundant power supply [AAB1] 800W 80+ Platinum [AAG1] 800W 80+ Titanium	1+1 redundant power supply [AAB1] 800W 80+ Platinum [AAG1] 800W 80+ Titanium	Single power supply 400W 80+ Gold	Single power supply 400W 80+ Gold
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Supports 1 x Dual slot Gen5 GPU	Supports 1 x Dual slot Gen5 GPU	N/A	N/A

Edge Server



Model	E284-A90-AAJ1	E284-S90-AAJ1	E264-AG0-AAS1
Motherboard	MA94-FS0	MS94-FS0	MAG4-GU0
Form Factor	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D620 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA 7529 TDP up to 500W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Single processors, LGA 7529 TDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM/MRDIMM 24 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	8-Channel RDIMM/MRDIMM 32 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	12-Channel RDIMM/MRDIMM 12 x DDR5 DIMMs RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	1 x MLAN
Storage	Rear hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Rear hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: (Only support SSDs) 2 x 2.5" Gen5 NVMe/SATA/SAS4 2 x 2.5" SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA
Expansion Slots	6 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	6 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHFL for GPUs 1 x OCP 3.0 Gen5 x16
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)
Power Supply	Dual redundant power supply 2000W 80+ Titanium	1+1 redundant power supply 2000W 80+ Titanium	Dual redundant power supply 3200W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture	Dual ROM architecture	Dual ROM architecture Supports 4 x Dual slot Gen5 GPUs



Model	E264-S30-AAJ1	E164-S30-AAG1	E133-X10-AAA1 / AAG1
Motherboard	MS34-DC0	MS34-DC0	MX14-BL1
Form Factor	2U (W438 x H87.5 x D520 mm)	1U (W438 x H43.5 x D520 mm)	1U (W438 x H43.5x D520 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400 / G7400T Single processor, LGA 1700 TDP up to 95W
Chipset	System on Chip	System on Chip	Intel® C262 Chipset
Memory	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8-Channel RDIMM/MRDIMM 16 x DDR5 DIMMs RDIMM: Up to 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	2-Channel ECC UDIMM 4 x DDR5 DIMMs Up to 4400MT/s (1DPC), 4000MT/s (2DPC/1R), 3600MT/s (2DPC/2R)
LAN	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	Rear hot-swap: 2 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA	Front hot-swap: 2 x 2.5" Gen5 NVMe/SATA/SAS4 *SAS card is required to support SAS drives Internal M.2: 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA	Front hot-swap: 2 x 2.5" SATA *SATA supported only Internal M.2: 1 x M.2 (PCIe 4.0 x4)
Expansion Slots	2 x PCIe 5.0 x16 FHFL for GPUs 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 or 2 x PCIe 5.0 x8 FHFL 1 x PCIe 4.0 x4 FHHL
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PRoT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM010
Power Supply	1+1 redundant power supply 2000W 80+ Titanium	Dual redundant power supply 800W 80+ Titanium	Dual redundant power supply [AAA1] 550W 80+ Platinum [AAG1] 800W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Supports 2 x Dual slot Gen5 GPUs	Dual ROM architecture	N/A

Tower Server / Workstation



W7 Series



W5 Series

Model	W773-W80	W753-W50-AA01	W733-W30-AA01	W533-W30
Motherboard	MW83-RP0	MW53-HP0	MW34-SP0	MW34-SP0
Dimensions	W218 x H455 x D726.3 mm	W218 x H455 x D726.3 mm	W218 x H455 x D726.3 mm	W220 x H425 x D620 mm
CPU	Intel® Xeon® W-3500 / W-2500 Single processor, LGA4677	Intel® Xeon® W-2500 / W-2400 Single processor, LGA4677	14th/13th/12th Intel® Core™ Desktop Single processor, LGA1700	14th/13th/12th Intel® Core™ Desktop Single processor, LGA1700
Chipset	Intel® W790 Chipset	Intel® W790 Chipset	Intel® W680 Chipset	Intel® W680 Chipset
Memory	8-Channel RDIMM/3DS-RDIMM 8 x DDR5 DIMMs Up to 4800 MT/s	4-Channel RDIMM/3DS-RDIMM 8 x DDR5 DIMMs 4800 MT/s (1DPC), 4400 MT/s (2DPC)	2-Channel UDIMM 4 x DDR4 DIMMs Up to 3200 MT/s	2-Channel UDIMM 4 x DDR4 DIMMs Up to 3200 MT/s
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 2.5Gb/s LAN 1 x MLAN	1 x 2.5Gb/s LAN 1 x MLAN	1 x 2.5Gb/s LAN 1 x MLAN
Audio	Realtek® ALC897 HD audio codec	Realtek® ALC897 HD audio codec	Realtek® ALC897 HD audio codec	Realtek® ALC897 HD audio codec
Storage	4 x 3.5"/2.5" SATA hot-swap bays Optional 4 x 3.5"/2.5" SATA bays 5.25" space reserved for ODD 2 x M.2 (PCIe 4.0 x4, 2280)	4 x 3.5"/2.5" SATA fixed bays Optional 4 x 3.5"/2.5" SATA bays 5.25" space reserved for ODD 3 x M.2 (PCIe 4.0 x4, 2280)	4 x 3.5"/2.5" SATA fixed bays Optional 4 x 3.5"/2.5" SATA bays 5.25" space reserved for ODD 1 x M.2 (PCIe 4.0 x4, 2280/22110) 3 x M.2 (PCIe 4.0 x4, 2280)	4 x 3.5"/2.5" SATA fixed bays Optional 4 x 3.5"/2.5" SATA bays 5.25" space reserved for ODD 1 x M.2 (PCIe 4.0 x4, 2280/22110) 3 x M.2 (PCIe 4.0 x4, 2280)
Expansion Slots	5 x PCIe x16 (PCIe 5.0 x16) 2 x PCIe x16 (PCIe 4.0 x16)	4 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 3.0 x4)	1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x16 (PCIe 5.0 x0 or x8) 1 x PCIe x4 (PCIe 3.0 x4)	1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x16 (PCIe 5.0 x0 or x8) 1 x PCIe x4 (PCIe 3.0 x4)
I/O Ports	Front: 2 x USB 3.2 Gen1 Type-A 2 x Audio jacks Rear: 1 x VGA 1 x COM 2 x 10G LAN 1 x MLAN 3 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Gen2x2 Type-C 3 x Audio jacks	Front: 2 x USB 3.2 Gen1 Type-A 2 x Audio jacks Rear: 1 x VGA 1 x COM 2 x 2.5G LAN 1 x MLAN 5 x USB 3.2 Gen2 Type-A 1 x USB3.2 Gen2x2 Type-C 3 x Audio jacks	Front: 2 x USB 3.2 Gen1 Type-A 2 x Audio jacks Rear: 1 x VGA 1 x COM 1 x HDMI 1 x DP 1 x USB 3.2 Gen2x2 Type-C 3 x USB 3.2 Gen1 Type-A 1 x MLAN 1 x 2.5G LAN 3 x Audio jack	Front: 2 x USB 3.2 Gen1 Type-A Rear: 1 x VGA 1 x COM 1 x HDMI 1 x DP 1 x USB 3.2 Gen2x2 Type-C 3 x USB 3.2 Gen1 Type-A 1 x MLAN 1 x 2.5G LAN 3 x Audio jack
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	2000W 80+ Gold ATX PSU	1200W 80+ Platinum ATX PSU	850W 80+ Gold ATX PSU	850W 80+ Gold ATX PSU
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Supports up to 4 x dual-slot or 2 x triple-slot GPU cards	Supports up to 2 x dual-slot or 1 x triple-slot GPU cards	Supports 1 x multi-slot GPU card	Supports 1 x multi-slot GPU card

Direct Liquid Cooling Rack



Model	DL90-ST0
Dimensions	W800 x D1200 x H1115 mm
Hardware Capacity	Up to 14U EIA servers
Heat Dissipation Capacity	9kW at approach temperature 25°C
Power Supply	1+1 redundant total power up to 17.3 kVA
Weight	Total weight: 215 kg
CDU Power Consumption	Full load: 2000W
Electrical Connection	PDU: IEC 60309 32A-3P+N+E, 6H, Plug x2 CDU: IEC 60320 C19, Plug x2
Water Flow Rate	7 - 30 LPM

Direct Liquid Cooling Server

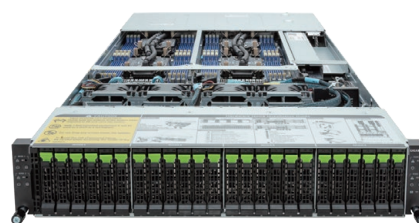


Model	G593-SD1-LAX3	G4L3-SD1-LAX3 / LAX5	G4L4-SD1-LAX5
Form Factor	5U (W447 x H219.7 x D945 mm)	4U (W447 x H175.3 x D920 mm)	4U (W447 x H175.3 x D920 mm)
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710
Memory	32 x DDR5 RDIMM slots	32 x DDR5 RDIMM slots	32 x DDR5 RDIMM/MRDIMM slots
LAN	2 x 10Gb/s LAN, 1 x MLAN	2 x 10Gb/s LAN, 1 x MLAN	2 x 10Gb/s LAN, 1 x MLAN
Storage	8 x 2.5" Gen5 NVMe/SATA hot-swap bays	8 x 2.5" Gen5 NVMe/SATA hot-swap bays 2 x M.2 (PCIe 3.0 x2 & x1)	8 x 2.5" Gen5 NVMe hot-swap bays 2 x M.2 (PCIe 5.0 x4 & x2)
Expansion Slots	4 x PCIe 5.0 x16 FHHL 8 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHHL (dual-slot) 8 x PCIe 5.0 x16 FHHL (single-slot)	4 x PCIe 5.0 x16 FHHL (dual-slot) 8 x PCIe 5.0 x16 FHHL (single-slot)
Power Supply	4+2 3000W 80+ Titanium PSUs	4+4 3000W 80+ Titanium PSUs	4+4 3000W 80+ Titanium PSUs
Other Features	Dual ROM architecture NVIDIA HGX™ H200 8-GPU	Dual ROM architecture [LAX3] NVIDIA HGX™ H200 8-GPU [LAX5] NVIDIA HGX™ B200 8-GPU	Dual ROM architecture NVIDIA HGX™ B200 8-GPU

Direct Liquid Cooling Server

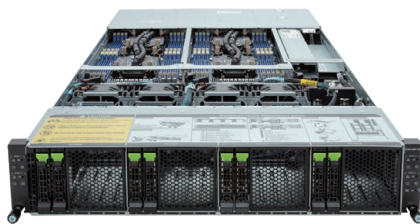
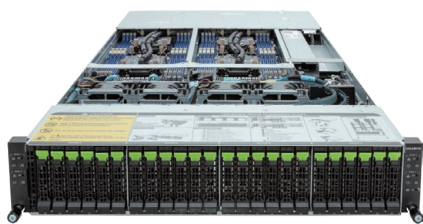


Model	G363-SR0-LAX4	H374-A80-LAW1	H374-A81-LAW1
Form Factor	3U (W448 x H130 x D800 mm)	3U 4-Node (W447 x H130.8x D895 mm)	3U 4-Node (W447 x H130.8x D895 mm)
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors per node, LGA7529	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors per node, LGA7529
Memory	16 x DDR5 RDIMM slots	96 x DDR5 RDIMM / MRDIMM slots	96 x DDR5 RDIMM / MRDIMM slots
LAN	2 x 1Gb/s LAN, 2 x 10Gb/s LAN 1 x MLAN	8 x 1Gb/s LAN 4 x MLAN	8 x 1Gb/s LAN 4 x MLAN
Storage	8 x Gen5 NVMe/SATA hot-swap bays 1 x M.2 (PCIe 4.0 x4)	24 x 2.5" Gen5 NVMe/SATA/SAS drives *Storage card is required to support SATA/SAS	8 x 2.5" Gen5 NVMe/SATA/SAS drives *Storage card is required to support SATA/SAS
Expansion Slots	6 x PCIe 5.0 x16 LP	12 x PCIe 5.0 x16 LP 4 x PCIe 5.0 x16 LP (optional)	12 x PCIe 5.0 x16 LP 4 x PCIe 5.0 x16 LP (optional)
Power Supply	2+1 3000W 80+ Titanium PSUs	Triple 3000W 80+ Titanium PSUs	Triple 3000W 80+ Titanium PSUs
Other Features	Dual ROM architecture NVIDIA HGX™ H200 4-GPU	Dual ROM architecture Multiplexing Management Topology	Dual ROM architecture Multiplexing Management Topology

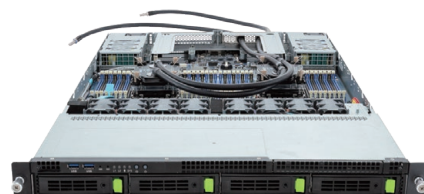
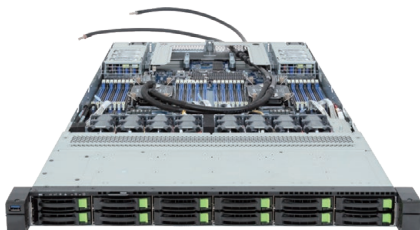
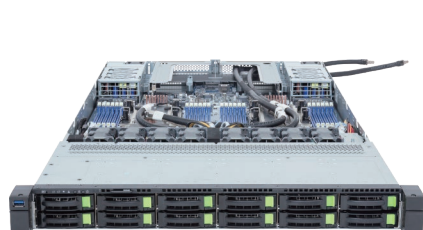


Model	H274-A81-LAZ1	H274-S60-LAW1	H274-S61-LAW1
Form Factor	2U 4-Node (W447 x H86.8 x D895 mm)	2U 4-Node (W440 x H87.5 x D877 mm)	2U 4-Node (W440 x H87.5 x D877 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors per node, LGA7529	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors per node, LGA4710	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors per node, LGA4710
Memory	96 x DDR5 RDIMM / MRDIMM slots	64 x DDR5 RDIMM / MRDIMM slots	64 x DDR5 RDIMM / MRDIMM slots
LAN	8 x 1Gb/s LAN 4 x MLAN	8 x 1Gb/s LAN 4 x MLAN	8 x 1Gb/s LAN 4 x MLAN
Storage	8 x 2.5" Gen5 NVMe/SATA/SAS drives *Storage card is required to support SATA/SAS	24 x 2.5" Gen5 NVMe/SATA hot-swap bays Optional 4 x M.2 (PCIe 4.0 x4)	8 x 2.5" Gen5 NVMe/SATA hot-swap bays Optional 4 x M.2 (PCIe 4.0 x4)
Expansion Slots	4 x PCIe 5.0 x16 LP 4 x PCIe 5.0 x16 LP (optional)	4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16
Power Supply	Dual 3600W 80+ Titanium PSUs	Dual 3000W 80+ Titanium PSUs	Dual 3000W 80+ Titanium PSUs
Other Features	Dual ROM architecture Multiplexing Management Topology	Dual ROM architecture Multiplexing Management Topology	Dual ROM architecture Multiplexing Management Topology

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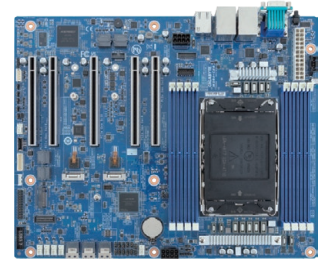
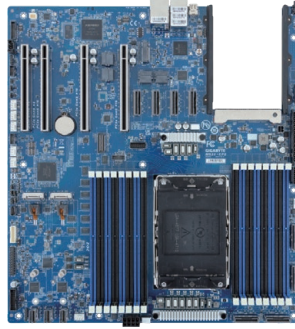
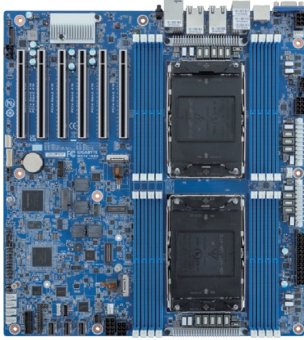


Model	H263-S62-LAW1 / LAN1	H263-S63-LAW1 / LAN1	H174-A80-LAS1
Form Factor	2U 4-Node (W440 x H87.5 x D840 mm)	2U 4-Node (W440 x H87.5 x D840 mm)	1U 2-Node (W440 x H43.4 x D856 mm)
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors per node, LGA4677	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors per node, LGA4677	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors per node, LGA7529
Memory	64 x DDR5 RDIMM slots	64 x DDR5 RDIMM slots	48 x DDR5 RDIMM / MRDIMM slots
LAN	4 x MLAN 1 x CMC	4 x MLAN 1 x CMC	4 x 1Gb/s LAN 2 x MLAN
Storage	24 x 2.5" Gen4 NVMe/SATA hot-swap bays Optional 4 x M.2 (PCIe 4.0 x4)	8 x 2.5" Gen4 NVMe/SATA hot-swap bays Optional 4 x M.2 (PCIe 4.0 x4)	4 x 2.5" Gen5 NVMe/SATA/SAS drives *Storage card is required to support SATA/SAS
Expansion Slots	4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 LP 2 x PCIe 5.0 x16 LP (optional)
Power Supply	[LAW1] Dual 3000W 80+ Titanium PSUs [LAN1] Dual 2600W 80+ Titanium PSUs	[LAW1] Dual 3000W 80+ Titanium PSUs [LAN1] Dual 2600W 80+ Titanium PSUs	1+1 3200W 80+ Titanium PSUs
Other Features	Dual ROM architecture Ring Topology Management (optional)	Dual ROM architecture Ring Topology Management (optional)	Dual ROM architecture Multiplexing Management Topology

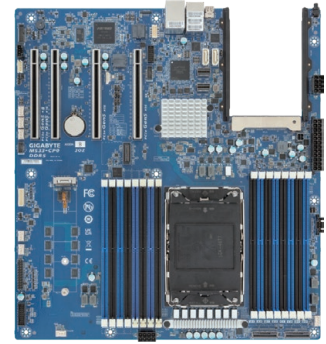
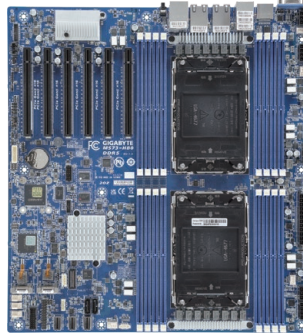
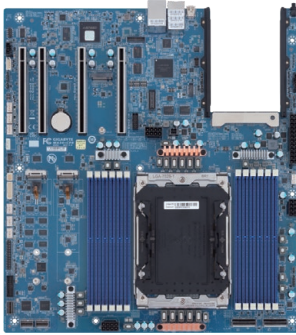


Model	R184-A92-LAJ1	R184-S92-LAV1	R183-S90-LAD1
Form Factor	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Dual processors, LGA7529	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA4710	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Dual processors, LGA4677
Memory	24 x DDR5 RDIMM / MRDIMM slots	32 x DDR5 RDIMM / MRDIMM slots	32 x DDR5 RDIMM slots
LAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Storage	12 x 2.5" Gen5 NVMe/SATA/SAS4 drives *Storage card is required to support SATA/SAS 3 x M.2 (PCIe 5.0 x4/ x2)	12 x 2.5" Gen5 NVMe/SATA/SAS4 drives *Storage card is required to support SATA/SAS 3 x M.2 (PCIe 5.0 x4/ x2)	4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS drives *SAS card is required to support SAS drives
Expansion Slots	1 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16
Power Supply	Dual 2000W 80+ Titanium PSUs	Dual 1600W 80+ Titanium PSUs	Dual 1600W 80+ Platinum PSUs
Other Features	Dual ROM architecture	Dual ROM architecture	Dual ROM architecture

Motherboard

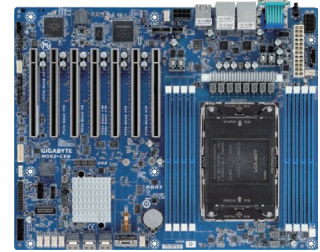
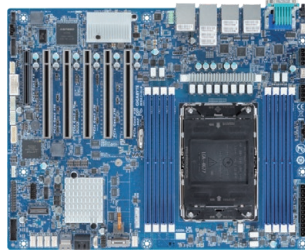
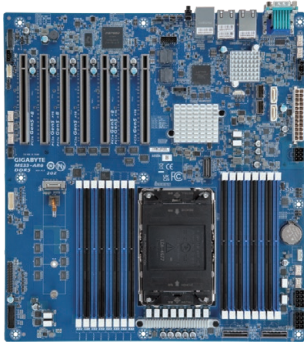


Model	MS74-HB0	MS34-CP0	MS04-CE0
Form Factor	E-ATX (W304.8 x D330.2 mm)	E-ATX (W304.8 x D330.2 mm)	ATX (W304.8 x D244 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Dual processors, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (6700/6500-series with 136 PCIe lanes) Single processor, LGA 4710 TDP up to 350W	Intel® Xeon® 6 Processors (Intel Xeon 6700/6500-series) Single processor, LGA 4710 TDP up to 350W
Chipset	System on Chip	System on Chip	System on Chip
Memory	16 x DDR5 DIMMs 8-Channel RDIMM/MRDIMM RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]	16 x DDR5 DIMMs 8-Channel RDIMM/MRDIMM RDIMM: 6400 MT/s (1DPC), 5200 MT/s (2DPC) MRDIMM: Up to 8000 MT/s ^[1]	8 x DDR5 DIMMs 8-Channel RDIMM/MRDIMM RDIMM: Up to 6400 MT/s MRDIMM: Up to 8000 MT/s ^[1]
LAN	2 x 10Gb/s LAN 2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Storage	3 x SlimSAS for 12 x SATAIII 2 x M.2 (PCIe 5.0 x4)	3 x SlimSAS for 12 x SATAIII - shared with 1 x M.2 slot 2 x MCIO 8i (PCIe 5.0 x8) for 4 x Gen5 NVMe 6 x MCIO 8i (PCIe 5.0 x8) - Require CPU with 136 PCIe lanes 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2) - shared with SATA support	3 x SlimSAS for 12 x SATAIII 2 x M.2 (PCIe 5.0 x2)
Expansion Slots	6 x PCIe x16 (PCIe 5.0 x16)	2 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x16 (PCIe 5.0 x8) 1 x OCP 3.0 Gen5 x16	4 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 5.0 x8)
Rear I/O	2 x USB 3.2 Gen1 1 x VGA 1 x RJ45 COM 4 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN	4 x USB 3.2 Gen1 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Security Modules	Optional TPM2.0 module: CTM012 Optional PROT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PROT (only enabled on RoT SKU)	Optional TPM2.0 module: CTM012 Optional PROT (only enabled on RoT SKU)
PSU Connectors	1 x 24-pin ATX main 2 x 8-pin ATX 12V 2 x 6-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V 1 x 4-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V 1 x 6-pin ATX 12V
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

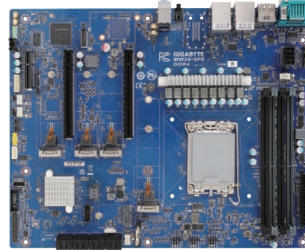
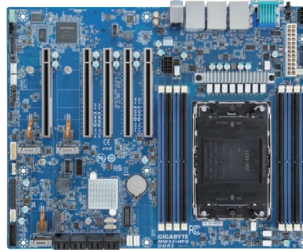
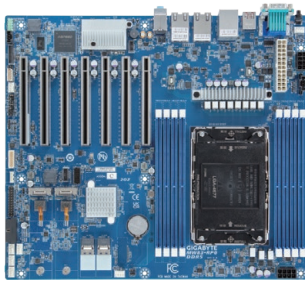


Model	MA34-CP0		MS73-HB0 / HB1 / HB2		MS33-CP0
Form Factor	E-ATX (W304.8 x D335.2 mm)		E-ATX (W304.8 x D330.2 mm)		E-ATX (W304.8 x D330.2 mm)
CPU	Intel® Xeon® 6 Processors (Intel Xeon 6900-series) Single processor, LGA 7529 TDP up to 500W		5th/4th Gen Intel® Xeon® Scalable Dual processors, LGA 4677 TDP up to 270W		5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Single processor, LGA 4677 TDP up to 350W
Chipset	System on Chip		Intel® C741 Chipset		Intel® C741 Chipset
Memory	12 x DDR5 DIMMs 12-Channel RDIMM/MRDIMM RDIMM: Up to 6400 MT/s MRDIMM: Up to 8800 MT/s ^[1]		16 x DDR5 DIMMs 8-Channel RDIMM Up to 5600 MT/s ^[2]		16 x DDR5 DIMMs 8-Channel RDIMM Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]
LAN	2 x 1Gb/s LAN 1 x MLAN		[MS73-HB0 / HB2] 2 x 10Gb/s LAN* 2 x 1Gb/s LAN 1 x MLAN *[HB0] Intel X710-AT2 [HB2] Broadcom BCM57416		2 x 1Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600		Integrated in ASPEED® AST2600		Integrated in ASPEED® AST2600
Storage	3 x SlimSAS for 12 x SATAIII 2 x MCIO 8i (PCIe 5.0 x8) for 4 x Gen5 NVMe 1 x M.2 (PCIe 5.0 x2) 1 x M.2 (PCIe 5.0 x2)		3 x SlimSAS for 12 x SATAIII 2 x 7-pin SATA DOM 2 x M.2 (PCIe 4.0 x4)		2 x SlimSAS for 8 x SATAIII 2 x 7-pin SATAIII 1 x M.2 (PCIe 3.0 x4)
Expansion Slots	2 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x16 (PCIe 5.0 x8) 1 x OCP 3.0 Gen5 x16		6 x PCIe x16 (PCIe 5.0 x16)		2 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x16 (PCIe 5.0 x8) 1 x OCP 3.0 Gen5 x16 slot
Rear I/O	2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN		[MS73-HB0 / HB2] 2 x USB 3.2 Gen1 1 x VGA 1 x RJ45 COM 4 x RJ45 1 x MLAN		2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security Modules	Optional TPM2.0 module: CTM012 Optional PROT (only enabled on RoT SKU)		Optional TPM2.0 module: CTM010		Optional TPM2.0 module: CTM010
PSU Connectors	1 x 24-pin ATX main 3 x 8-pin ATX 12V 1 x 4-pin ATX 12V		1 x 24-pin ATX main 2 x 8-pin ATX 12V 2 x 6-pin ATX 12V		1 x 24-pin ATX main 2 x 8-pin ATX 12V 1 x 6-pin ATX 12V
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console		ASPEED® AST2600 BMC GIGABYTE Management Console		ASPEED® AST2600 BMC GIGABYTE Management Console

Motherboard

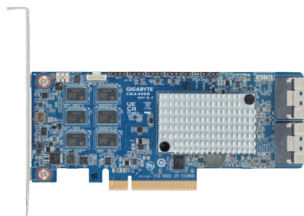


Model	MS33-AR0 / AR1	MS03-6L0	MS03-CE0
Form Factor	E-ATX (W304.8 x D330.2 mm)	ATX (W304.8 x D244 mm)	ATX (W304.8 x D244 mm)
CPU	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Single processor, LGA 4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Single processor, LGA 4677 TDP up to 350W	5th/4th Gen Intel® Xeon® Scalable Intel® Xeon® CPU Max Series Single processor, LGA 4677 TDP up to 350W
Chipset	Intel® C741 Chipset	Intel® C741 Chipset	Intel® C741 Chipset
Memory	16 x DDR5 DIMMs 8-Channel RDIMM Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) ^[2]	8 x DDR5 DIMMs 8-Channel RDIMM Up to 5600 MT/s ^[2]	8 x DDR5 DIMMs 8-Channel RDIMM Up to 5600 MT/s ^[2]
LAN	2 x 10Gb/s LAN* 1 x MLAN *[AR0] Intel X710-AT2 [AR1] Broadcom BCM57416	2 x 10Gb/s LAN 4 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	N/A	Realtek® ALC897 HD Audio Codec	N/A
Storage	2 x SlimSAS for 8 x SATAIII 2 x 7-pin SATAIII 1 x M.2 (PCIe 3.0 x4)	1 x SlimSAS for 4 x SATAIII 2 x SATAIII 1 x M.2 (PCIe 3.0 x4)	3 x SlimSAS for 12 x SATAII 1 x M.2 (PCIe 3.0 x4)
Expansion Slots	1 x PCIe x16 (PCIe 5.0 x16) 3 x PCIe x16 (PCIe 5.0 x16 or x8) 3 x PCIe x16 (PCIe 5.0 x8)	4 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x8 (PCIe 5.0 x8)	3 x PCIe x16 (PCIe 5.0 x16) 2 x PCIe x16 (PCIe 5.0 x16 or x8) 2 x PCIe x16 (PCIe 5.0 x8)
Rear I/O	2 x USB 3.2 Gen1 1 x VGA 1 x COM 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x COM 6 x RJ45 1 x MLAN	4 x USB 3.2 Gen1 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010
PSU Connectors	1 x 24-pin ATX main 2 x 8-pin ATX 12V 1 x 6-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

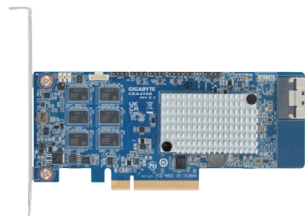


Model	MW83-RP0	MW53-HP0	MW34-SP0	MX34-BS0
Form Factor	CEB (W304.8 x D266.7 mm)	ATX (W304.8 x D244 mm)	ATX (W305 x D244 mm)	microATX (W244 x D244 mm)
CPU	Intel® Xeon® W-3400/W-3500 Intel® Xeon® W-2400/W-2500 Single processor, LGA 4677 TDP up to 385W	Intel® Xeon® W-3400/W-3500 Intel® Xeon® W-2400/W-2500 Single processor, LGA 4677 TDP up to 385W	14th Gen Intel® Core™ Desktop 13th Gen Intel® Core™ Desktop 12th Gen Intel® Core™ Desktop Single processor, LGA 1700	Intel® Xeon® 6300-series / E-2400 Intel® Pentium® Gold G7400/G7400T Single processor, LGA 1700
Chipset	Intel® W790 Chipset	Intel® W790 Chipset	Intel® W680 Chipset	Intel® C262 Chipset
Memory	8 x DDR5 DIMMs 8-Channel RDIMM Up to 4800 MT/s	8 x DDR5 DIMMs 4-Channel RDIMM Up to 4800 MT/s (1DPC), 34400 MT/s (2DPC)	4 x DDR4 DIMMs 2-Channel ECC UDIMM Up to 3200 MT/s	4 x DDR5 DIMMs 2-Channel ECC UDIMM Up to 4400 MT/s (1DPC), 4000 MT/s (2DPC/1R), 3600 MT/s (2DPC/2R)
LAN	2 x 10Gb/s LAN 1 x MLAN	2 x 2.5Gb/s LAN 1 x MLAN	1 x 2.5Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in Intel® Processor Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	Realtek® ALC897 HD Audio Codec	Realtek® ALC897 HD Audio Codec	Realtek® ALC897 HD Audio Codec	N/A
Storage	2 x SlimSAS for 8 x SATAIII	8 x SATAIII	4 x SATAIII 4 x SATAIII - shared with 1 x M.2 slot 3 x M.2 (PCIe 4.0 x4) 1 x M.2 (PCIe 4.0 x4) - shared with SATA	8 x SATAIII 1 x M.2 (PCIe 4.0 x4)
Expansion Slots	5 x PCIe x16 (PCIe 5.0 x16) 2 x PCIe x16 (PCIe 4.0 x16) 2 x M.2 (PCIe 4.0 x4)	4 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 3.0 x4) 3 x M.2 (PCIe 4.0 x4) 1 x M.2 (PCIe 3.0 x1) for WiFi	1 x PCIe x16 (PCIe 5.0 x16 or x8) 1 x PCIe x16 (PCIe 5.0 x0 or x8) 1 x PCIe x4 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1) for WiFi	1 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x8 (PCIe 4.0 x4)
Rear I/O	3 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Gen2x2 Type-C 1 x VGA 1 x COM 2 x RJ45 1 x MLAN 1 x 3in1 Audio Jack	5 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Gen2x2 Type-C 1 x VGA 1 x COM 2 x RJ45 1 x MLAN 1 x 3in1 Audio Jack	3 x USB 3.2 Gen1 Type-A 1 x USB 3.2 Gen2x2 Type-C 1 x VGA 1 x COM 1 x HDMI 1 x DP 1 x MLAN 1 x 2.5G LAN 1 x 3in1 Audio Jack	2 x USB 3.2 Gen1 1 x COM 1 x VGA 2 x RJ45 1 x MLAN
Security	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010	Optional TPM2.0 module: CTM010
PSU Connectors	1 x 24-pin ATX main 2 x 8-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V	1 x 24-pin ATX main 1 x 8-pin ATX 12V	1 x 24-pin ATX main 1 x 8-pin ATX 12V
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

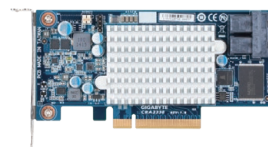
Storage Adapter



CRA4960 / CRA4961

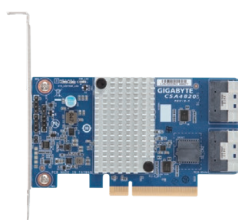


CRA4760 / CRA4761

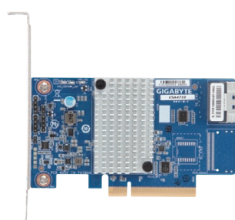


CRA3338

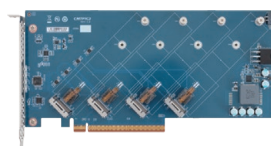
Ports	2 x Slimline SAS 8i connectors Up to 16 x SAS/SATA physical devices Up to 4 x NVMe physical devices [CRA4960] Max. 32 x SAS/SATA with SAS expander [CRA4961] Max. 240 x SAS/SATA with SAS expander	1 x Slimline SAS 8i connector Up to 8 x SAS/SATA physical devices Up to 2 x NVMe physical devices [CRA4760] Max. 32 x SAS/SATA with SAS expander [CRA4761] Max. 240 x SAS/SATA with SAS expander	2 x Mini-SAS HD SFF8643 connectors Up to 8 x SAS 12Gb/s ports Up to 14 x physical devices with SAS expander
Controller	Broadcom® SAS3916	Broadcom® SAS3908	Broadcom® SAS3008
RAID	Hardware RAID 0/1/1E/5/6/10/50/60 8GB 2666 MHz DDR4 cache memory (Optional) CacheVault Flash Cache Protection	Hardware RAID 0/1/1E/5/6/10/50/60 8GB 2666 MHz DDR4 cache memory (Optional) CacheVault Flash Cache Protection	RAID 0/1/1E/10
Interface	PCIe x8 (Gen4 x8)	PCIe x8 (Gen4 x8)	PCIe x8 (Gen3 x8)
Format	Half-length 68.9 x 167 mm	Half-length 68.9 x 167 mm	Half-length 64.4 x 167.6 mm



CSA4820



CSA4710



CMT1P1C2

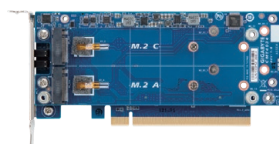


CMT40A0

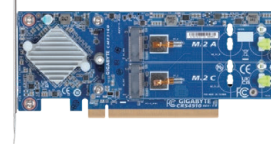
Ports	2 x SlimLine SAS 8i connectors Up to 16 x SAS/SATA physical devices Up to 4 x NVMe physical devices Max. 1024 x SAS/SATA or 32 x NVMe	1 x SlimLine SAS 8i connector Up to 8 x SAS/SATA physical devices Up to 2 x NVMe physical devices Max. 1024 x SAS/SATA or 32 x NVMe	4 x M.2 slots (PCIe 5.0 x4) M key, type 2280/22110 PCIe Gen5 x4 Only support NVMe SSDs	2 x M.2 slots (PCIe 5.0 x4) M key, type 2280/22110 PCIe Gen5 x4 Only support NVMe SSDs
Controller	Broadcom® SAS3816	Broadcom® SAS3808	-	-
RAID	Non-RAID supported	Non-RAID supported	-	-
Interface	PCIe x8 (Gen4 x8)	PCIe x8 (Gen4 x8)	PCIe x16 (Gen5 x16)	PCIe x8 (Gen5 x8)
Format	Half-length 68.9 x 120 mm	Half-length 68.9 x 120 mm	FHFL 111.15 x 234 mm	Low-profile 68.9 x 150 mm



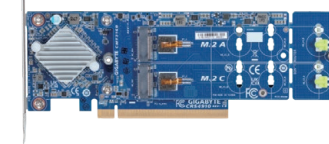
CMT4032



CMT4034



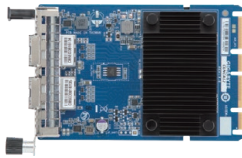
CMT3060



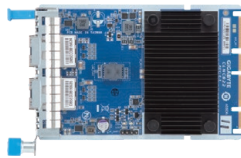
CMT3160

Ports	2 x M.2 slots (PCIe 3.0 x4) M key, type 2280/22110 PCIe SSD support only	4 x M.2 slots (PCIe 3.0 x4) M key, type 2280/22110 PCIe SSD support only	4 x M.2 slots (PCIe 4.0 x4) M key, type 2280 Only support NVMe SSDs	4 x M.2 slots (PCIe 4.0 x4) M key, type 2280/22110 Only support NVMe SSDs
Controller	-	-	Broadcom® SAS3816	Broadcom® SAS3816
RAID	-	-	RAID 0/1/10	RAID 0/1/10
Interface	PCIe x8 (Gen3 x8)	PCIe x16 (Gen3 x16)	PCIe x16 (Gen4 x8)	PCIe x16 (Gen4 x8)
Format	Low-profile 68.9 x 150 mm	Low-profile 68.9 x 150 mm	Low-profile 68.9 x 167.5 mm	Low-profile 68.9 x 197.99 mm

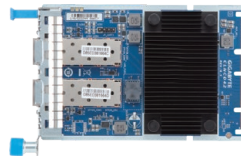
LAN Adapter



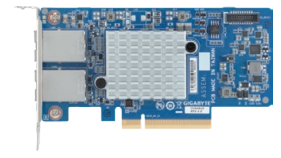
CLNCA12



CLNCB22

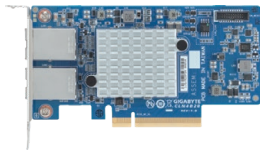


CLNCD42

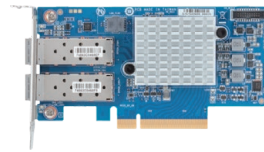


CLN4A10

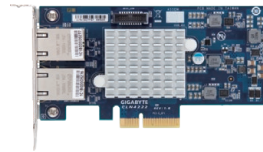
Ports	2 x 1G BASE-T RJ45 LAN ports Supports 1Gb/s, 100Mb/s, 10Mb/s	2 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port	2 x SFP28 LAN ports Supports 25Gb/s, 10Gb/s per port	2 x 1G BASE-T RJ45 LAN ports Supports 1Gb/s, 100Mb/s, 10Mb/s
Controller	Broadcom® BCM5720	Broadcom® BCM57416	Broadcom® BCM57414	Broadcom® BCM5720
Interface	PCIe x16 (Gen2.1 x2)	PCIe x16 (Gen3 x8)	PCIe x16 (Gen3 x8)	PCIe x8 (Gen2 x2)
Format	OCP 3.0 form factor 76 x 115 x 14.2 mm	OCP 3.0 form factor 76 x 115 x 14.2 mm	OCP 3.0 form factor 76 x 115 x 14.2 mm	MD2 Low-profile 68.9 x 130 mm



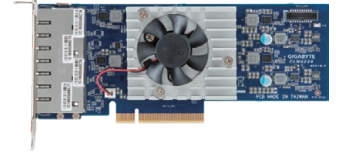
CLN4B20



CLN4D40



CLN4222



CLN4224

Ports	2 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port	2 x SFP28 LAN ports Supports 25Gb/s, 10Gb/s, 1Gb/s	2 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port	4 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port
Controller	Broadcom® BCM57416	Broadcom® BCM57414	Intel® X550-AT2	2 x Intel® X550-AT2
Interface	PCIe x8 (Gen3 x8)	PCIe x8 (Gen3 x8)	PCIe x4 (Gen3 x4)	PCIe x8 (Gen3 x8)
Format	MD2 Low-profile 68.9 x 131 mm	MD2 Low-profile 68.9 x 130 mm	Half-length 68.9 x 131 mm	Half-length 68.9 x 168 mm



Ring Topology Kit

Ports	1 x 1Gb/s LAN management port
Controller	Realtek® RTL8370N-VB
Dimension	174 x 41 mm (Including chassis kit)

Management Module



TPM 2.0



TPM 2.0

Model	CTM010	CTM012
Controller	Infineon SLB9670VQ2	Infineon SLB9672VU2.0
Interface	2 x 7 pin header	2 x 7 pin header
Dimension	20 x 15 mm	20.32 x 14.73 mm

Security Module

Global After Sales Service & Support

GIGABYTE can provide the following expert services to give our customers total peace of mind:



Multi-level, multilingual telephone & online technical support

Current services provided:

Country	Service (Optional 24/7 technical support hotline available)
Global	Online support: https://esupport.gigabyte.com
Taiwan	9/5 support hotline: 0800-079-800 (Toll free) or 02-8913-1377 Live online chat: https://www.gigabyte.com/tw/Support
USA	9/5 support hotline: +1-(626)-854-9338 option 4
Europe	9/5 support hotline: +44 1256 300 809 (English, French, German, Italian, Spanish)

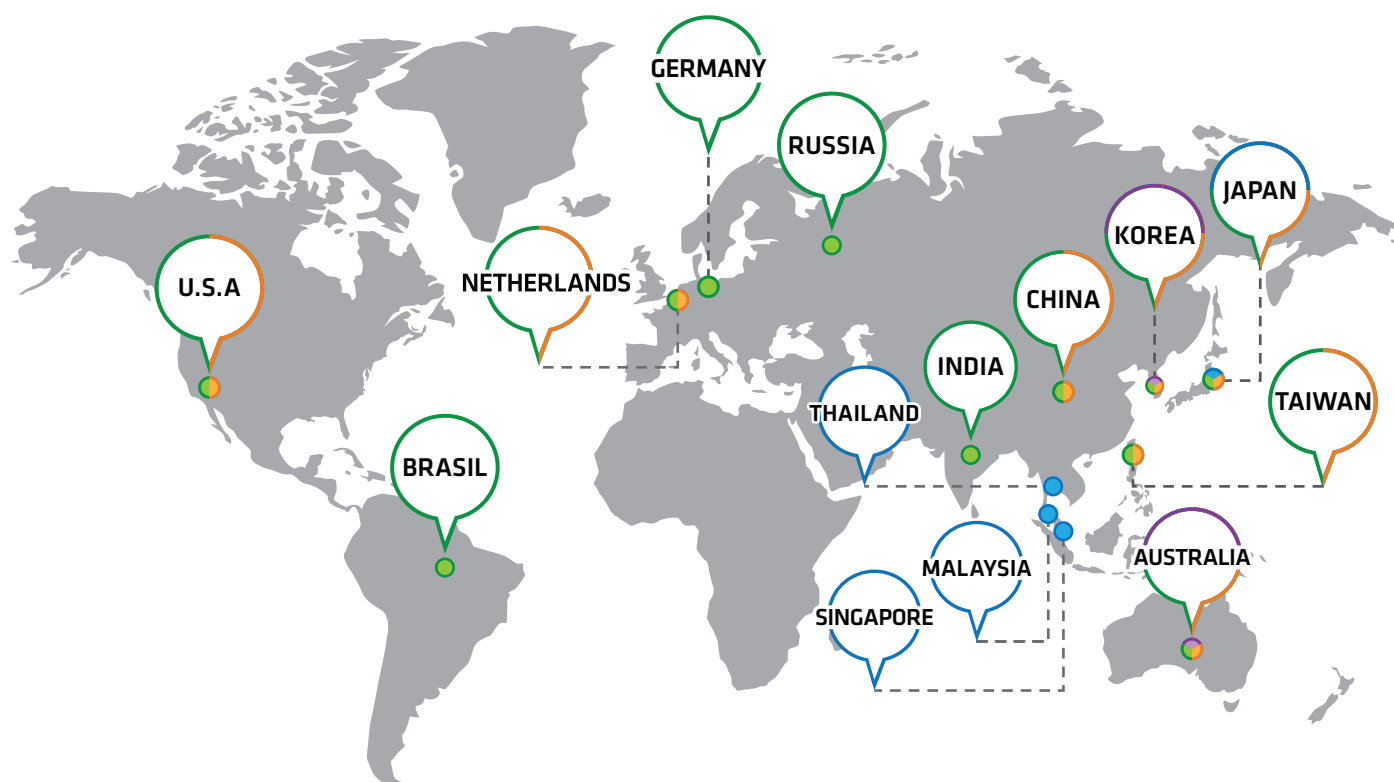


Globally located RMA & repair centers, onsite technical support services



Reverse logistics, product warehousing and component storage solutions

There is also the potential to utilize GIGABYTE's existing service and support network by request, which includes an additional 60 physical repair & support centers located in 12 additional countries.



● Logistics Hub ● RMA / Repair Center ● Authorized Partner Repair Center / Field Service ● Conditional Service

*Optional per sales condition / agreement

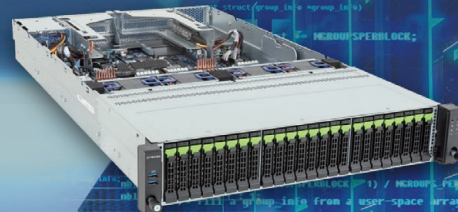
*Check with sales team for detail

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