

GIGABYTE™

AMD-based Server Solutions

Servers / Motherboards / Barebone Servers / Accessories



2025 2H

AMD 
EPYC

AMD 
INSTINCT

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. 8)



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. 10)



Combining four hot-swappable nodes in a 2U chassis, offering extreme CPU compute density excellent for HPC, HCI, and edge computing

Storage Server (P. 9)



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

Rack Server (P. 12)



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

Edge Server (P. 25)



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

Tower Server / Workstation (P. 27)



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

Direct Liquid Cooling (P. 28)



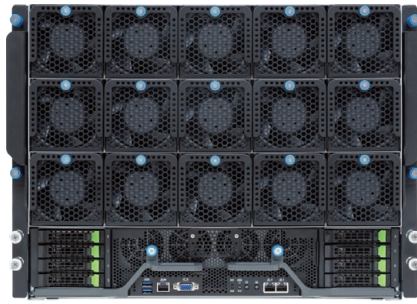
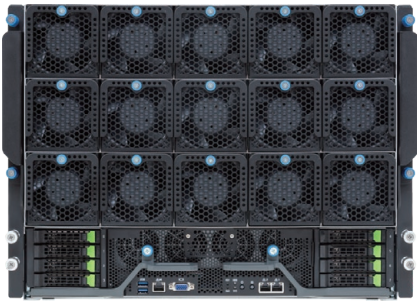
Efficient cooling & heat dissipation for performance demanding servers are possible with direct to chip liquid cooling

Motherboard (P. 30)



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

GPU Server

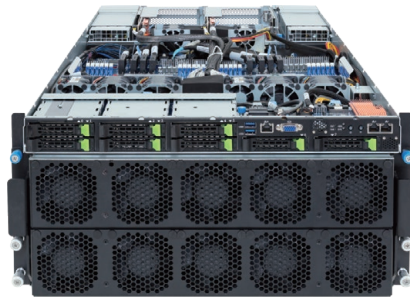


Model	G894-ZD3-AAX7	G893-ZD1-AAX3 / AAX5	G593-ZD1-AAX3
Motherboard	MZB3-PE2	MZB3-PE0	MZB3-G43
Form Factor	8U (W447 x H351 x D923 mm)	8U (W447 x H351 x D923 mm)	5U (W447 x H219.7 x D945 mm)
GPU	NVIDIA HGX™ B300	[AAX3] NVIDIA HGX™ H200 8-GPU [AAX5] NVIDIA HGX™ B200 8-GPU	NVIDIA HGX™ H200 8-GPU
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 25°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN 8 x 800 Gb/s OSFP InfiniBand XDR / Dual 400 Gb/s Ethernet*	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: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 8 x 2.5" Gen5 NVMe Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)
Expansion Slots	4 x PCIe 5.0 x16 FHHL (dual-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 8 x PCIe 5.0 x16 LP
I/O Ports	Front: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN (default) Rear: 1 x MLAN 8 x OSFP	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 TPM2.0 module: CTM012	Optional TPM2.0 module: CTM010
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+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	Dual ROM architecture	Dual ROM architecture

* GPU networking ports via onboard NVIDIA ConnectX®-8 SuperNIC™.

** Storage card is required to support SATA/SAS drives.

GPU Server



Model	G893-ZX1-AAX*	G593-ZX1-AAX1	G383-R80-AAP1
Motherboard	MZB3-PE0	MZB3-G43	MR83-AC0
Form Factor	8U (W447 x H351 x D923 mm)	5U (W447 x H221.2 x D965 mm)	3U (W447 x H131 x D950 mm)
GPU	[AAX1] AMD Instinct™ MI300X 8-GPU [AAX2] AMD Instinct™ MI325X 8-GPU [AAX3] AMD Instinct™ MI350X 8-GPU	AMD Instinct™ MI300X 8-GPU	4 x AMD Instinct™ MI300A APUs - 228 CDNA3 compute units per APU
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 25°C	24 Zen4 CPU cores per APU TDP up to 550W (CPU + GPU + memory) Peak up to 760W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	128GB HBM3 per APU
Networking	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: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	Front side: 8 x 2.5" Gen5 NVMe bays Internal M.2: 1 x M.2 (PCIe 5.0 x4)
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 8 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHFL (dual-slot) 4 x PCIe 5.0 x16 FHFL (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 Rear: N/A
Security	Optional TPM2.0 module: CTM012	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	[AAX1] 4+4 3000W 80+ Titanium PSUs [AAX2/AAX3] 6+6 3000W 80+ Titanium PSUs	4+2 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	Dual ROM architecture	Dual ROM architecture

** Storage card is required to support SATA/SAS.

GPU Server

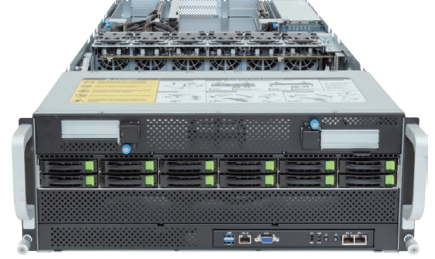


Model	G494-ZB0-AAP2	G494-ZB1-AAP2	G494-ZB4-AAP2
Motherboard	MZB3-G43	MZB3-G41	MZB3-G41
Form Factor	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)
GPU	8 x Dual-slot PCIe GPUs	10 x Dual-slot PCIe GPUs*	8 x Dual-slot PCIe GPUs*
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 48 x DDR5 DIMMs	12-Channel RDIMM 48 x DDR5 DIMMs
Networking	2 x 10Gb/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: N/A Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4** 4 x 2.5" SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x4)
Expansion Slots	8 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHFL	10 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHFL	8 x PCIe 5.0 x16 FHFL for GPUs 3 x PCIe 5.0 x16 FHFL 3 x PCIe 5.0 x16 LP
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	Quad redundant power supply 3000W 80+ Titanium	Quad redundant power supply 3000W 80+ Titanium	Quad 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 Supports 8 x NVIDIA H200 NVL with 4-way NVLink bridges	Dual ROM architecture Supports 8 x NVIDIA H200 NVL with 4-way NVLink bridges

* Directly to the GPUs via PCIe switches.

** SAS card is required to support SAS drives.

GPU Server



Model	G493-ZB2-AAP1	G493-ZB3-AAP1	G493-ZB4-AAP1
Motherboard	MZB3-G41	MZB3-G41	MZB3-G41
Form Factor	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)	4U (W448 x H176 x D880 mm)
GPU	8 x Dual-slot PCIe GPUs*	8 x Dual-slot PCIe GPUs*	Optimized for NVIDIA OVX™ Server with 8 x GPUs configuration*
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 25°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 25°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 25°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 48 x DDR5 DIMMs	12-Channel RDIMM 48 x DDR5 DIMMs	12-Channel RDIMM 48 x DDR5 DIMMs
Networking	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 2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA Internal M.2: 2 x M.2 (PCIe 3.0 x4)
Expansion Slots	8 x PCIe 5.0 x16 FHFL for GPUs 4 x PCIe 5.0 x16 FHFL 2 x PCIe 5.0 x16 LP (front)	8 x PCIe 5.0 x16 FHFL for GPUs 8 x PCIe 5.0 x16 LP 2 x PCIe 5.0 x16 LP (front)	8 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 FHFL 4 x PCIe 5.0 x16 LP
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 NVIDIA-Certified Systems™	Dual ROM architecture NVIDIA-Certified Systems™

* Directly to the GPUs via PCIe switches.

** SAS card is required to support SAS drives.



G294-Z41-AAP2
G294-Z42-AAP2
G294-Z43-AAP2



G294-Z21-AAP2
G294-Z22-AAP2



G293-Z23-AAM1

Model			
Motherboard	MZ43-G20	MZ23-G20	MZ23-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 D800 mm)
GPU	[Z41] 4 x Dual-slot PCIe GPUs [Z42] 8 x Dual-slot PCIe GPUs* [Z43] 16 x Single-slot PCIe GPUs*	[Z21] 4 x Dual-slot PCIe GPUs [Z22] 8 x Dual-slot PCIe GPUs*	4 x Dual-slot PCIe GPUs
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 300W at ambient 30°C	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at ambient 25°C	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at ambient 25°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs
Networking	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/SAS4** 4 x 2.5" SATA/SAS4**	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4** 4 x 2.5" SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 5.0 x4)	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4** 4 x 2.5" SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 5.0 x4)
Expansion Slots	[Z41] 4 x PCIe 5.0 x16 or 8 x PCIe 5.0 x8 FHFL [Z42] 8 x PCIe 5.0 x16 FHFL for GPUs [Z43] 16 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 LP	[Z21] 4 x PCIe 5.0 x16 or 8 x PCIe 5.0 x8 FHFL [Z22] 8 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 LP
I/O Ports	Front: N/A Rear: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN	Front: N/A Rear: 2 x USB 3.2 Gen1 1 x VGA 2 x RJ45 1 x MLAN	Front: N/A 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: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply 2200W 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 [Z41] Supports 4 x NVIDIA H200 NVL [Z42] Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges	Dual ROM architecture [Z21] Supports 4 x NVIDIA H200 NVL [Z22] Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges	Dual ROM architecture

* Directly to the GPUs via PCIe switches.

** SAS card is required to support SAS drives.

MGX Server



Model	XL43-ZX0-AAS2	XV23-ZX0-AAJ1	XV23-ZU0-AAJ1
Motherboard	MZX3-MG1	MZX3-MG0	MZU3-MG0
Form Factor	4U (W4438 x H176.6 x D802.5 mm) NVIDIA MGX™ modular server design	2U (W438 x H87.5 x D900 mm) NVIDIA MGX™ modular server design	2U (W438 x H87.5 x D900 mm) NVIDIA MGX™ modular server design
GPU	8 x Dual-slot PCIe GPUs	4 x Dual-slot PCIe GPUs	4 x Dual-slot PCIe GPUs
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at ambient 30°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN (front) 1 x MLAN (rear)	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 Internal M.2: 1 x M.2 (PCIe 3.0 x2) 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 6 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 3.0 x2) 1 x M.2 (PCIe 3.0 x1)	Front hot-swap: 2 x 2.5" Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 5.0 x4)
Expansion Slots	8 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL for DPU	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 1 x Mini-DP 2 x RJ45 1 x MLAN Rear: 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x MLAN 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 TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	2+2 redundant power supply 3200W 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 8 x NVIDIA H200 NVL or NVIDIA RTX PRO™ 6000 Blackwell Server Edition	Dual ROM architecture Supports 4 x NVIDIA H200 with 2-way NVLink bridges	Dual ROM architecture Supports 4 x NVIDIA H200 NVL with 2-way NVLink bridges

Storage Server



Model	S453-Z30-AAV2	S472-Z30	S252-ZC0
Motherboard	MZ33-AR1	MZ32-AR1	MZC2-CE0
Form Factor	4U (W482.6 x H177 x D625 mm)	4U (W482 x H175 x D696.6 mm)	2U (W438 x H87 x D880 mm)
CPU	AMD EPYC™ 9005/9004 series Single prousor, Socket SP5 cTDP up to 500W	AMD EPYC™ 7003/7002 series Single processor, Socket SP3 cTDP up to 280W	AMD EPYC™ 7003/7002 series Dual processors, Socket SP3 cTDP up to 200W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	8-Channel RDIMM/LRDIMM 16 x DDR4 DIMMs	8-Channel RDIMM/LRDIMM 16 x DDR4 DIMMs
Networking	2 x 10Gb/s LAN, 1 x MLAN	2 x 1Gb/s LAN, 1 x MLAN	1 x MLAN
Storage	Front hot-swap: 24 x 3.5/2.5" SATA/SAS Rear hot-swap: 12 x 3.5/2.5" SATA/SAS 2 x 2.5" SATA Broadcom SAS35x48 expander SAS card is required to enable SATA/SAS Default support: 2 x SATA Internal M.2: 1 x M.2 (PCIe 4.0 x4)	Right & Left hot-swap: 24 x 3.5" SATA/SAS Front hot-swap: 12 x 2.5" SATA/SAS + 8 x 2.5" Gen4 NVMe + 4 x 2.5" Gen4 NVMe/SATA/SAS Rear hot-swap: 2 x 2.5" SATA Broadcom SAS35x36R expander SAS card is required to enable the drives Default support: 12 x NVMe & 2 x SATA (rear) Internal M.2: 2 x M.2 (PCIe 4.0 x4)	Side-accessed hot-swap: 24 x 3.5" SATA/SAS Broadcom SAS35x36R expander SAS card is required to enable the drives Rear hot-swap: 2 x 2.5" Gen4 NVMe/SATA Default support: 2 x Gen4 NVMe/SATA
Expansion Slots	4 x PCIe 5.0 x16 LP	1 x PCIe 4.0 x16 LP 1 x PCIe 4.0 x8 LP 1 x PCIe 3.0 x16 (x16 or x8) LP 1 x PCIe 3.0 x8 (x0 or x8) LP 1 x OCP 2.0 Gen3 x16	6 x PCIe 4.0 x16 LP
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 3 x USB 3.2 Gen1, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x VGA, 1 x MLAN
Security	Optional TPM 2.0 module: CTM012	Hardware-level root of trust (RoT) Optional TPM 2.0 module: CTM010	Hardware-level root of trust (RoT) Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply 1600W 80+ Titanium	1+1 redundant power supply 1600W 80+ Platinum	1+1 redundant power supply 1300W 80+ Platinum
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2500 BMC GIGABYTE Management Console	ASPEED® AST2500 BMC GIGABYTE Management Console
Other Features	Onboard 12Gb/s SAS expander	Onboard 12Gb/s SAS expander	Onboard 12Gb/s SAS expander

High Density Server



Model	H273-Z84-AAW1	H273-Z85-AAW1	H233-Z80-AAW1 / AAN1
Motherboard	MZ83-HD2	MZ83-HD2	MZ83-HD0
Form Factor	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)	2U 2 Nodes - Rear access (W440 x H87.5 x D877 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors per node 8 x Socket SP5 cTDP up to 240W at ambient 35°C	AMD EPYC™ 9005/9004 series Dual processors per node 8 x Socket SP5 cTDP up to 400W at ambient 25°C	AMD EPYC™ 9005/9004 series Dual processors per node 4 x Socket SP5 cTDP up to 240W at ambient 30°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 96 x DIMMs	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 96 x DIMMs	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 48 x DIMMs
Networking	8 x 1Gb/s LAN 4 x MLAN	8 x 1Gb/s LAN 4 x MLAN	4 x 1Gb/s LAN 2 x MLAN
Storage	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4* Optional internal M.2: 4 x M.2 (PCIe 4.0 x4)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4 * Optional internal M.2: 4 x M.2 (PCIe 4.0 x4)	Front hot-swap: 4 x 2.5" Gen4 NVMe
Expansion Slots	8 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHFL for GPUs 2 x PCIe 5.0 x16 LP 2 x OCP 3.0 Gen5 x16
I/O Ports	Front: NA Rear: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN	Front: NA Rear: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN	Front: NA Rear: 4 x USB 3.2 Gen1 2 x Mini-DP 4 x RJ45 2 x 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	Dual redundant power supply 3000W 80+ Titanium	Dual redundant power supply [AAW1] 3000W 80+ Titanium [AAN1] 2600W 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® AST2520 CMC GIGABYTE Management Console
Other Features	Dual ROM architecture Multiplexing management topology	Dual ROM architecture Multiplexing management topology	Dual ROM architecture Multiplexing management topology Supports 4 x dual-slot PCIe GPUs

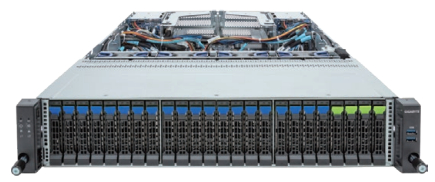
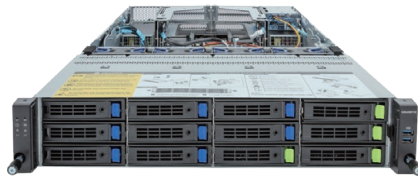
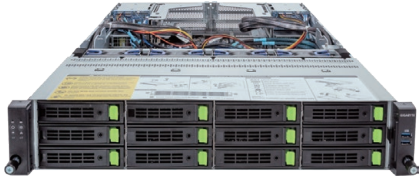
* SAS card is required to support SAS drives.

High Density Server



Model	H253-Z10-AAP1	H223-Z10-AAP1	B343-C40-AAJ*
Motherboard	MZ13-SH0	MZ13-HD0	MC43-BL0
Form Factor	2U 4 Nodes - Front access (W447 x H86.8 x D902 mm)	2U 3 Nodes - Front access (W447.8 x H87.50 x D500mm)	3U 10 Nodes - Front access (W447 x H132 x D760 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor per node 4 x Socket SP5 cTDP up to 400W at ambient 30°C	AMD EPYC™ 9005/9004 series Single processor per node 3 x Socket SP5 cTDP up to 300W at ambient 30°C	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor per node 10 x Socket AM5
Chipset	System on Chip	System on Chip	AMD B650E chipset
Memory	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 96 x DIMMs	12-Channel DDR5 RDIMM 12 x DIMMs per node, total 36 x DIMMs	2-Channel DDR5 ECC/Non-ECC UDIMM 4 x DIMMs per node, total 40 x DIMMs
Networking	8 x 1Gb/s LAN 4 x MLAN 2 x CMC	2 x CMC MLAN	[AAJ1] 20 x 1Gb/s LAN [AAJ2] 20 x 10Gb/s LAN [AAJ3] 20 x 25Gb/s LAN 10 x MLAN 2 x CMC MLAN
Storage	Front hot-swap: 8 x 9.5mm E1.S Gen4 NVMe Internal M.2: 4 x M.2 (PCIe 5.0 x4) 8 x M.2 (SATA 3.0)	Front hot-swap: 6 x 9.5mm E1.S Gen4 NVMe Optional internal M.2: 3 x M.2 (PCIe 4.0 x4)	Internal: 20 x 2.5" Gen5 NVMe/SATA bays 10 x M.2 (PCIe 3.0 x1)
Expansion Slots	4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHHL 4 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16	10 x PCIe 5.0 x16 FHHL 3 x OCP 3.0 Gen4 x16
I/O Ports	Front: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN Rear: 2 x CMC	Front: 6 x USB 3.2 Gen1 6 x VGA 2 x CMC MLAN Rear: NA	Front: 20 x USB 3.2 G 10 x MLANen1 10 x Mini-DP 20 x RJ45 [AAJ3] SFP28 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	Dual redundant power supply 3000W 80+ Titanium	Quad redundant power supply 2000W 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	Dual ROM architecture Ring Topology Management	Centralized Networking Management Ring Topology Management

Rack Server

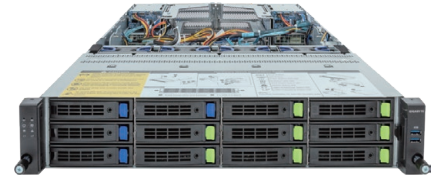
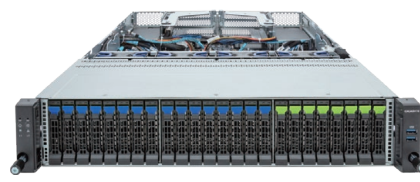
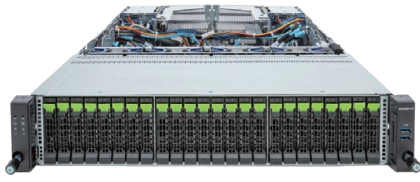


Model	R283-Z94-AAD* / AAV*		R283-Z95-AAD1 / AAV1	R283-Z96-AAE2 / AAJ2
Motherboard	MZ93-FS1		MZ93-FS1	MZ93-FS1
Form Factor	2U (W438 x H87.5 x D815 mm)		2U (W438 x H87.5 x D815 mm)	2U (W438 x H87.5 x D815 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink		AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink
Chipset	System on Chip		System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs		12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	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 3.5"/2.5" hot-swap: [AAD1/AAV1] 12 x Gen5 NVMe/SATA/SAS4* [AAD2/AAV2] 4 x Gen5 NVMe/SATA/SAS4 + 8 x SATA/SAS4* Rear hot-swap: [AAD1/AAV1] 4 x 2.5" SATA/SAS4* [AAD2/AAV2] 2 x 2.5" SATA/SAS4* Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)		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** Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 20 x 2.5" SATA/SAS4 4 x 2.5" Gen5 NVMe/SATA/SAS4** Rear hot-swap: 4 x 2.5" SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)
Expansion Slots	[AAD1/AAV1] 2 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	[AAD2/AAV2] 4 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	5 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	4 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: 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 TPM 2.0 module: CTM010		Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply [AAD*] 1600W 80+ Platinum [AAV*] 1600W 80+ Titanium		Dual redundant power supply [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	Dual redundant power supply [AAE2] 2000W 80+ Platinum [AAJ2] 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 Onboard 24Gb/s SAS-4 expander	Dual ROM architecture Onboard 24Gb/s SAS-4 expander

* SAS card is required to support SAS drives.

** Storage card is required to support SATA/SAS drives.

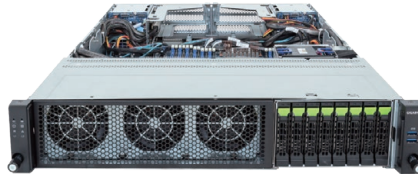
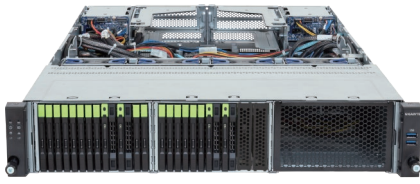
Rack Server



Model	R283-Z96-AAE1 / AAJ1	R283-Z96-AAE3 / AAJ3	R283-Z97-AAF1/AAL1
Motherboard	MZ93-FS1	MZ93-FS1	MZ93-FS1
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	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 240W at ambient 25°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	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: 24 x 2.5" Gen5 NVMe Rear hot-swap: 4 x 2.5" SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 8 x 2.5" Gen5 NVMe 16 x 2.5" SATA/SAS4* Rear hot-swap: N/A Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4* 4 x 3.5"/2.5" SATA/SAS4* Rear hot-swap: 4 x 2.5" SATA/SAS4 Internal M.2: N/A
Expansion Slots	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	3 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	2 x PCIe 5.0 x16 FHHL for GPUs 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: 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 TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply [AAE1] 2000W 80+ Platinum [AAJ1] 2000W 80+ Titanium	Dual redundant power supply [AAE3] 2000W 80+ Platinum [AAJ3] 2000W 80+ Titanium	Dual redundant power supply [AAF1] 2400W 80+ Platinum [AAL1] 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 Supports 2 x dual-slot PCIe GPUs

* SAS card is required to support SAS drives.

Rack Server



Model	R283-Z98-AAL1	R283-ZK0-AAL1	R283-ZF0-AAL1
Motherboard	MZ93-FS1	MZK3-LM0	MZF3-GP0
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	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs 4 x E3.S 2T bays for CXL memory modules	12-Channel RDIMM 48 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	1 x MLAN
Storage	Front hot-swap: 16 x E3.S Gen5 NVMe Rear hot-swap: 4 x 2.5" SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS4** Rear hot-swap: 4 x 2.5" SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4* 4 x 3.5"/2.5" SATA/SAS4*
Expansion Slots	1 x PCIe 5.0 x16 FHHL 1 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHFL for GPUs 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 1 x MLAN
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM010
Power Supply	Dual 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	Dual ROM architecture	Dual ROM architecture Supports 4 x dual-slot PCIe GPUs

* SAS card is required to support SAS drives.

** Storage card is required to support SATA/SAS drives.

Rack Server



Model	R283-ZF1-AAL1	R183-ZF0-AAJ1	R183-ZF1-AAJ1
Motherboard	MZF3-GP0	MZF3-GP0	MZF3-GP0
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	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 400W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 400W at ambient 30°C
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4* 4 x 2.5" Gen5 NVMe 8 x 2.5" SATA/SAS4*	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4*
Expansion Slots	4 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHHL 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	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 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 TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply 2700W 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 PCIe GPUUs	Dual ROM architecture Supports 1 x dual-slot PCIe GPU	Dual ROM architecture Supports 1 x dual-slot PCIe GPU

* SAS card is required to support SAS drives.

Rack Server



Model	R183-Z94-AAD* / AAV*	R183-Z95-AAD1 / AAV1	R183-Z96-AAD1 / AAV1
Motherboard	MZ93-FS1	MZ93-FS1	MZ93-FS1
Form Factor	1U (W438 x H43.5x D815 mm)	1U (W438 x H43.5x D815 mm)	1U (W438 x H43.5x D815 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 OCP NIC 3.0 ≤ 21W at 30°C ambient, cTDP up to 400W	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 OCP NIC 3.0 ≤ 21W at 30°C ambient, cTDP up to 400W	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 OCP NIC 3.0 ≤ 21W at 30°C ambient, cTDP up to 400W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	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: [AA*1] 12 x 2.5" Gen5 NVMe/SATA/SAS4* [AA*2] 4 x 2.5" Gen5 NVMe/SATA/SAS4 + 8 x SATA/SAS4* Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 6 x 9.5mm E1.S NVMe 8 x 2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4* 4 x 2.5" 9.5mm Gen5 NVMe/SATA/SAS4* Internal M.2: 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 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
I/O Ports	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 TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant power supply [AAD*] 1600W 80+ Platinum [AAV*] 1600W 80+ Titanium	Dual redundant power supply [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	Dual redundant power supply [AAD1] 1600W 80+ Platinum [AAV1] 1600W 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

* SAS card is required to support SAS drives.

Rack Server



Model	R183-ZK0-AAL1	R263-Z36-AAE1 / AAJ1	R263-Z37-AAC1 / AAH1
Motherboard	MZK3-LM0	MZ33-DC1	MZ33-DC1
Form Factor	1U (W438 x H43.5x D815 mm)	2U (W438 x H87.5x D710 mm)	2U (W438 x H87.5x D710 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W with optional heatsink at 30°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W with optional heatsink at 30°C ambient
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 48 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs
Networking	2 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: 24 x 2.5" Gen5 NVMe Rear hot-swap: N/A Internal M.2: 1 x M.2 (PCIe 3.0 x4)	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" Gen5 NVMe Internal M.2: 1 x M.2 (PCIe 3.0 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	4 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16
I/O Ports	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: 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
Security	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	Dual redundant power supply 2700W 80+ Titanium	Dual redundant power supply [AAE1] 2000W 80+ Platinum [AAJ1] 2000W 80+ Titanium	Dual redundant power supply [AAC1] 1300W 80+ Platinum [AAH1] 1300W 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

* SAS card is required to support SAS drives.

** Storage card is required to support SATA/SAS drives.

Rack Server

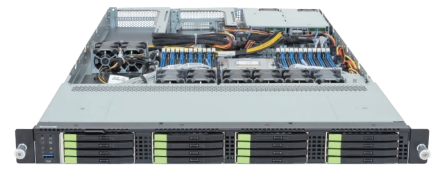
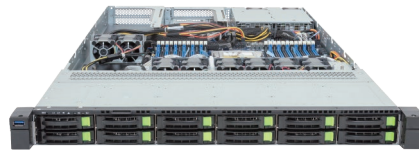


Model	R263-Z38-AAL1	R263-ZG0-AAL2	R263-ZG2-AAJ3
Motherboard	MZ33-DC1	MZG3-GU0	MZG3-GU0
Form Factor	2U (W438 x H87.5x D710 mm)	2U (W438 x H87.5x D815 mm)	2U (W438 x H87.5x D815 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 12 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	1 x 1Gb/s LAN 1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 8 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 * 4 x 3.5"/2.5" SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x2)	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4** Internal M.2: 2 x M.2 (PCIe 3.0 x2)
Expansion Slots	3 x PCIe 5.0 x16 FHFL for GPUs 2 x OCP 3.0 Gen5 x16	4 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHHL	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 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: 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 TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	Dual redundant power supply 2700W 80+ Titanium	Dual redundant power supply 2700W 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 3 x dual-slot PCIe GPUs	Dual ROM architecture Supports 4 x dual-slot PCIe GPUs	Dual ROM architecture Supports 1 x dual-slot PCIe GPU

* SAS card is required to support SAS drives.

** Storage card is required to support SATA/SAS drives.

Rack Server



Model	R263-ZG5-AAL2	R163-ZG2-AAJ2	R163-ZG6-AAL2
Motherboard	MZG3-GU0	MZG3-GU0	MZG3-GU0
Form Factor	2U (W438 x H87.5x D815 mm)	1U (W438 x H43.5x D815 mm)	1U (W438 x H43.5x D815 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs 4 x E3.S 2T bays for CXL memory modules	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	1 x MLAN	1 x MLAN	1 x MLAN
Storage	Front hot-swap: 16 x E3.S Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 3.0 x2)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 2 x M.2 (PCIe 3.0 x2)	Front hot-swap: 16 x E3.S Gen5 NVMe Internal M.2: 2 x M.2 (PCIe 3.0 x2)
Expansion Slots	1 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHHL	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: 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 TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	Dual redundant power supply 2700W 80+ Titanium	Dual redundant power supply 2000W 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 1 x dual-slot PCIe GPU	Dual ROM architecture Supports 1 x dual-slot PCIe GPU	Dual ROM architecture Supports 1 x dual-slot PCIe GPU

* SAS card is required to support SAS drives.

Rack Server



Model	R163-Z34-AAH1	R163-Z35-AAC1 / AAH1	R163-Z36-AAJ2
Motherboard	MZ33-DC1	MZ33-DC1	MZ33-DC1
Form Factor	1U (W438 x H43.5x D710 mm)	1U (W438 x H43.5x D710 mm)	1U (W438 x H43.5x D710 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 12 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs
Networking	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4*	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4*s	Front hot-swap: 16 x E3.5 Gen5 NVMe
	Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Internal M.2: 1 x M.2 (PCIe 3.0 x4)
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
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: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 1 x RJ45 1 x MLAN
Security	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	Dual redundant power supply 1300W 80+ Titanium	Dual redundant power supply [AAC1] 1300W 80+ Platinum [AAH1] 1300W 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	Dual ROM architecture	Dual ROM architecture

* SAS card is required to support SAS drives.

Rack Server



Model	R243-E30-AAC1 / AAH1	R243-E33-AAF1 / AAL1	R243-EG0-AAF1/AAL1
Motherboard	ME33-DC0	ME33-DC0	MEG3-GU0
Form Factor	2U (W438 x H87.5x D710 mm)	2U (W438 x H87.5x D710 mm)	2U (W438 x H87.5 x D815 mm)
CPU	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W
Chipset	System on Chip	System on Chip	System on Chip
Memory	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs
Networking	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	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* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 3.5"/2.5" SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 3.5"/2.5" SATA/SAS* Internal M.2: 1 x M.2 (PCIe 3.0 x4)
Expansion Slots	2 x PCIe 5.0 x16 FHFL 2 x OCP 3.0 Gen5 x16	3 x PCIe 5.0 x16 FHFL for GPUs 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 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 TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	1+1 redundant power supply [AAC1] 1300W 80+ Platinum [AAH1] 1300W 80+ Titanium	1+1 redundant power supply [AAF1] 2400W 80+ Platinum [AAL1] 2700W 80+ Titanium	1+1 redundant power supply [AAF1] 2400W 80+ Platinum [AAL1] 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 Supports 3 x dual-slot PCIe GPUs	Dual ROM architecture Supports 4 x dual-slot PCIe GPUs

* SAS card is required to support SAS drives.

Rack Server



Model	[*] R143-E30-AAB1 / AAG1	R143-E32-AAC1 / AAH1	R143-EG0-AAC1 / AAC2
Motherboard	ME33-DC0	ME33-DC0	MEG3-GU0
Form Factor	1U (W438 x H43.5 x D710 mm)	1U (W438 x H43.5 x D710 mm)	1U (W438 x H43.5 x D815 mm)
CPU	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W
Chipset	System on Chip	System on Chip	System on Chip
Memory	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs
Networking	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	1 x MLAN
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS4 [*] Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 4 x 2.5" Gen5 NVMe/SATA/SAS4 [*] 8 x 2.5" SATA/SAS4 [*] Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: [AAC1] 4 x 3.5"/2.5" SATA/SAS [*] [AAC2] 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS [*] Internal M.2: 1 x M.2 (PCIe 3.0 x4)
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	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 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 1 x MLAN
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	1+1 redundant power supply [AAB1] 800W 80+ Platinum [AAG1] 850W 80+ Titanium	1+1 redundant power supply [AAC1] 1300W 80+ Platinum [AAH1] 1300W 80+ Titanium	1+1 redundant power supply 1300W 80+ Platinum
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 1 x dual-slot PCIe GPU

^{*} SAS card is required to support SAS drives.

Rack Server



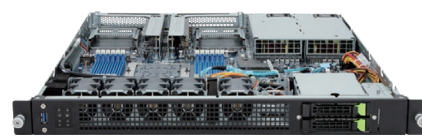
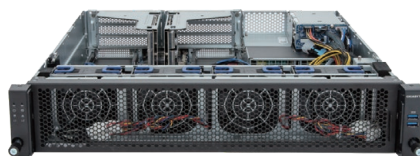
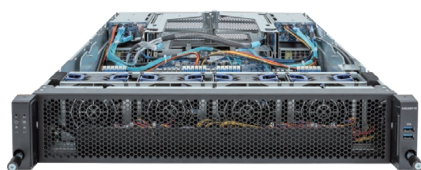
Model	R143-EG2-AAC2	R133-C10-AAA* / AAG*	R133-C11-AAB1 / AAG1
Motherboard	MEG3-GU0	MC13-BL1	MC13-BL0
Form Factor	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5x D710 mm)	1U (W438 x H43.5x D710 mm)
CPU	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor, Socket AM5 TDP up to 105W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor, Socket AM5 TDP up to 170W
Chipset	System on Chip	AMD B650E chipset	AMD B650E chipset
Memory	6-Channel RDIMM 12 x DDR5 DIMMs	2-Channel ECC/Non-ECC UDIMM 4 x DDR5 DIMMs	2-Channel ECC/Non-ECC UDIMM 4 x DDR5 DIMMs
Networking	1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 2 x 10Gb/s LAN 1 x MLAN
Storage	Front hot-swap: 4 x 2.5" Gen4 NVMe/SATA/SAS* 8 x 2.5" SATA/SAS* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: [AAA1/AAG1] 4 x 3.5"/2.5" SATA [AAA2/AAG2] 4 x 3.5"/2.5" Gen4 NVMe/SATA Hot-swap is not supported on NVMe drives. Internal M.2: 1 x M.2 (PCIe 4.0 x4)	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)
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	[AAA1/AAG1] 1 x PCIe 5.0 x16 FHFL 1 x PCIe 4.0 x4 FHHL	[AAA2/AAG2] 1 x PCIe 4.0 x4 FHHL
I/O Ports	Front: 1 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 2 x RJ45 1 x MLAN	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x Mini-DP 4 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	1+1 redundant power supply 1300W 80+ Platinum	1+1 redundant power supply [AAA*] 550W 80+ Platinum [AAG*] 800W 80+ Titanium	1+1 redundant power supply [AAB1] 800W 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 1 x dual-slot PCIe GPU	N/A	Supports 1 x dual-slot PCIe GPU

* SAS card is required to support SAS drives.

Rack Server



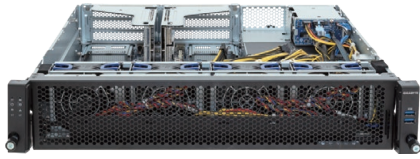
Model	R133-C13-AAB1 / AAG1	R123-C00-AA01	R113-C10-AA01 / AA02
Motherboard	MC13-BL1	MC03-CE0	MC13-LE0
Form Factor	1U (W438 x H43.5x D710 mm)	1U (W438 x H43.5x D536 mm)	1U (W430 x H43.5 x D393.2 mm)
CPU	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor, Socket AM5 TDP up to 170W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor, Socket AM5 TDP up to 105W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor, Socket AM5 TDP up to 105W
Chipset	AMD B650E chipset	AMD B650E chipset	AMD B650E chipset
Memory	2-Channel ECC/Non-ECC UDIMM 4 x DDR5 DIMMs	2-Channel ECC/Non-ECC UDIMM 4 x DDR5 DIMMs	2-Channel ECC/Non-ECC UDIMM 4 x DDR5 DIMMs
Networking	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 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 drives: 2 x 2.5" SATA Internal M.2: 1 x M.2 (PCIe 5.0 x4)
Expansion Slots	1 x PCIe 5.0 x16 FHFL for GPU 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: 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 TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	1+1 redundant power supply [AAB1] 800W 80+ Platinum [AAG1] 800W 80+ Titanium	Single power supply 400W 80+ Gold	Single power supply [AA01] 350W 80+ Bronze [AA02] 400W 80+ Gold
System Management	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 PCIe GPU	N/A	N/A



Model	E283-Z91-AAD1 / AAV1	E263-Z34-AAJ1	E163-Z34-AAH1
Motherboard	MZ93-FS1	MZ33-DC1	MZ33-DC1
Form Factor	2U (W438 x H87 x D815 mm)	2U (W438 x H87.5x D520 mm)	1U (W438 x H43.5x D520 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors, Socket SP5 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor, Socket SP5 cTDP up to 500W at 25°C ambient
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs
Networking	2 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN
Storage	Front hot-swap: N/A Rear hot-swap: 4 x 2.5" SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	Front hot-swap: N/A Rear hot-swap: 2 x 2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 2 x 2.5" Gen5 NVMe/SATA/SAS4* Rear hot-swap: N/A Internal M.2: 1 x M.2 (PCIe 3.0 x4)
Expansion Slots	6 x PCIe 5.0 x16 FHHL 2 x OCP 3.0 Gen5 x16	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
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 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
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	Dual redundant power supply [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	Dual redundant power supply 2000W 80+ Titanium	Dual redundant power supply 1300W 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 2 x dual-slot PCIe GPUs	Dual ROM architecture

* SAS card is required to support SAS drives.

Edge Server



Model	E243-E30-AAD1 / AAV1	E143-E30-AAB1 / AAG1	E133-C10-AAA1 / AAG1
Motherboard	ME33-DC0	ME33-DC0	MC13-BL1
Form Factor	2U (W438 x H87.5x D520 mm)	1U (W438 x H43.5x D520 mm)	1U (W438 x H43.5x D520 mm)
CPU	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor, Socket AM5 TDP up to 105W
Chipset	System on Chip	System on Chip	AMD B650E chipset
Memory	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs	2-Channel ECC/Non-ECC UDIMM 4 x DDR5 DIMMs
Networking	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: N/A Rear hot-swap: 2 x 2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 2 x 2.5" Gen5 NVMe/ SATA/SAS4* Rear hot-swap: N/A Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 2 x 2.5" SATA Rear hot-swap: N/A 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 FHFL 2 x OCP 3.0 Gen5 x16	1 x PCIe 5.0 x16 FHFL 1 x PCIe 4.0 x4 FHFL
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: 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	Optional TPM 2.0 module: CTM010
Power Supply	1+1 redundant power supply [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	1+1 redundant power supply [AAB1] 800W 80+ Platinum [AAG1] 850W 80+ Titanium	1+1 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 PCIe GPUs	Dual ROM architecture	N/A

* SAS card is required to support SAS drives.

Tower Server / Workstation



Model	W773-H5D-AA01	W332-Z00 (rev. 200)
Motherboard	MH53-G40	MC13-NB1
Dimensions	W218 x H455 x D726.3 mm	W198 x H370 x D402 mm
CPU	AMD Ryzen™ Threadripper™ PRO 7000 WX-Series Single processor, Socket sTR5	AMD Ryzen™ 7000 series Single processor, Socket AM5
Chipset	AMD WRX90 chipset	AMD B650E chipset
Memory	8-Channel RDIMM 8 x DDR5 DIMMs	2-Channel ECC / Non-ECC UDIMM 4 x DDR5 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN	1 x 2.5Gb/s LAN 1 x 1Gb/s DASH LAN
Audio	Realtek® ALC897 HD Audio Codec	Realtek® ALC897 Audio Codec
Storage	4 x 3.5"/2.5" SATA hot-swap bays 4 x M.2 (PCIe 5.0 x4) Optional 4 x SATA hot-swap bays Optional ODD devices	2 x 3.5" SATA fixed drive bays 2 x M.2 (PCIe 5.0 x4) Optional ODD devices
Expansion Slots	6 x PCIe x16 (PCIe 5.0 x16) 1 x M.2 for WiFi	1 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 4.0 x4) 1 x PCIe x1 (PCIe 4.0 x1) 1 x M.2 for WiF
I/O Ports	Front: 1 x USB 3.2 Gen1 Type-C 2 x USB 3.2 Gen1 Type-A 2 x Audio jacks Rear: 1 x USB 3.2 Gen2x2 Type-C 3 x USB 3.2 Gen2 Type-A 1 x VGA 1 x COM 2 x RJ45 1 x MLAN 3 x Audio jack	Front: 2 x USB 3.2 Gen1 1 x Line out 1 x Mic in Rear: 1 x DisplayPort 2 x HDMI 2 x Antenna ports (option) 3 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Gen2 Type-C 2 x RJ45 3 x Audio jacks
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Single 2000W 80+ Gold ATX PSU	Single 500W 80+ Bronze PSU
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	Realtek® DASH Remote Management
Other Features	Supports 4 x dual-slot PCIe GPUs	Supports dual-slot PCIe GPU

Direct Liquid Cooling Server

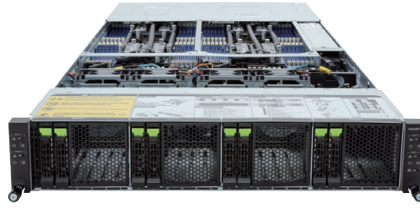
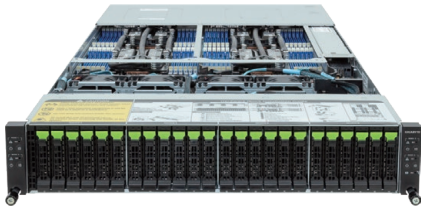


Model	G593-ZD1-LAX3	G4L3-ZD1-LAX3 / LAX5	G4L3-ZX1-LAT4
Form Factor	5U (W447 x H219.7 x D945 mm)	4U (W447 x H175.3 x D901 mm)	4U (W447 x H175.3 x D901 mm)
CPU	Dual AMD EPYC™ 9005/9004 series	Dual AMD EPYC™ 9005/9004 series	Dual AMD EPYC™ 9005/9004 series
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs	12-Channel DDR5 RDIMM, 24 x DIMMs	12-Channel DDR5 RDIMM, 24 x DIMMs
Networking	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 hot-swap bays 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe hot-swap bays 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe hot-swap bays 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)
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	3+3 5200W 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 AMD Instinct™ MI355X 8-GPU

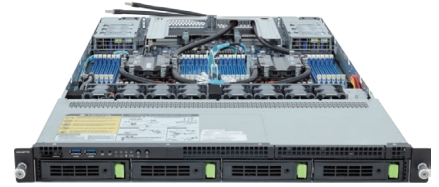
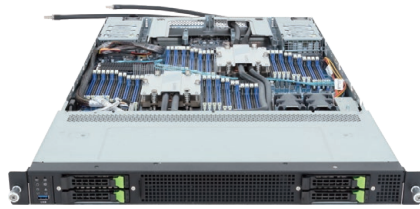
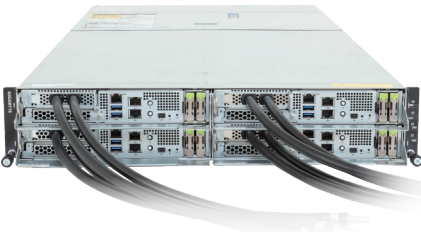


Model	G593-ZX1-LAX1	G4L3-ZX1-LAX1 / LAX2	G383-R80-LAP1
Form Factor	5U (W447 x H219.7 x D945 mm)	4U (W447 x H175.3 x D901 mm)	3U (W447 x H131 x D950 mm)
CPU	Dual AMD EPYC™ 9005/9004 series	Dual AMD EPYC™ 9005/9004 series	4 x AMD Instinct™ MI300A APUs
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs	12-Channel DDR5 RDIMM, 24 x DIMMs	128GB HBM3 unified memory
Networking	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 hot-swap bays 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe hot-swap bays 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe bays 1 x M.2 (PCIe 5.0 x4)
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 4 x PCIe 5.0 x16 FHHL single-slot
Power Supply	4+2 3000W 80+ Titanium PSUs	4+4 3000W 80+ Titanium PSUs	3+1 3000W 80+ Titanium PSUs
Other Features	Dual ROM architecture AMD Instinct™ MI300X 8-GPU	Dual ROM architecture [LAX1] AMD Instinct™ MI300X 8-GPU [LAX2] AMD Instinct™ MI325X 8-GPU	Dual ROM architecture

Direct Liquid Cooling Server

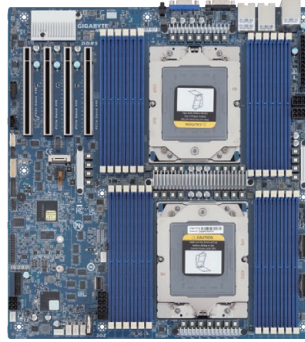
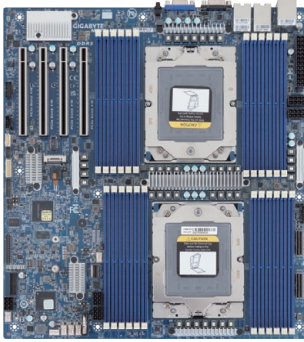


Model	H273-Z80-LAW1 / LAN1	H273-Z81-LAW1 / LAN1	H273-Z85-LAZ1
Form Factor	2U 4-Node (W440 x H87.5 x D877 mm)	2U 4-Node (W440 x H87.5 x D877 mm)	2U 4-Node (W440 x H87.5 x D877 mm)
CPU	Dual AMD EPYC™ 9005/9004 per node	Dual AMD EPYC™ 9005/9004 per node	Dual AMD EPYC™ 9005/9004 per node
Memory	12-Channel DDR5 RDIMM, 96 x DIMMs	12-Channel DDR5 RDIMM, 96 x DIMMs	12-Channel DDR5 RDIMM, 96 x DIMMs
Networking	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	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)	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 OCP 3.0 Gen5 x16	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	[LAW1] Dual 3000W 80+ Titanium PSUs [LAN1] Dual 2600W 80+ Titanium PSUs	[LAW1] Dual 3000W 80+ Titanium PSUs [LAN1] Dual 2600W 80+ Titanium PSUs	Dual 3600W 80+ Titanium PSUs
Other Features	Dual ROM architecture Multiplexing management topology	Dual ROM architecture Multiplexing management topology	Dual ROM architecture Multiplexing management topology



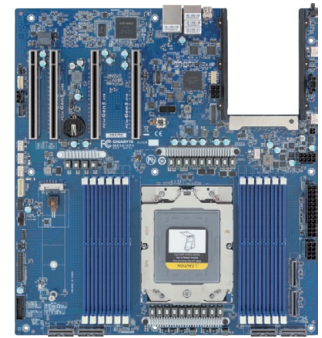
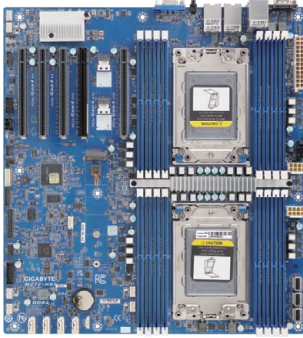
Model	H253-Z10-LAP1	R183-ZK0-LAD1	R183-Z93-LAJ1
Form Factor	2U 4-Node (W447 x H86.8 x D902 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Single AMD EPYC™ 9005/9004 per node	Dual AMD EPYC™ 9005/9004 series	Dual AMD EPYC™ 9005/9004 series
Memory	12-Channel DDR5 RDIMM, 96 x DIMMs	12-Channel DDR5 RDIMM, 48 x DIMMs	12-Channel DDR5 RDIMM, 24 x DIMMs
Networking	8 x 1Gb/s LAN, 4 x MLAN, 2 x CMC	2 x 1Gb/s LAN, 1 x MLAN	2 x 1Gb/s LAN, 1 x MLAN
Storage	8 x 9.5mm E1.5 Gen4 NVMe hot-swap bays 4 x M.2 (PCIe 5.0 x4) 8 x M.2 (SATA 3.0)	4 x 2.5" Gen5 NVMe/SATA hot-swap bays 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)	4 x 3.5"/2.5" Gen5 NVMe/SATA hot-swap bays 2 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x2)
Expansion Slots	4 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 1 x OCP 3.0 Gen5 x16
Power Supply	Dual 3000W 80+ Titanium PSUs	1+1 2000W 80+ Titanium PSUs	1+1 2000W 80+ Platinum PSUs
Other Features	Dual ROM architecture Ring Topology Management	Dual ROM architecture	Dual ROM architecture

Motherboard



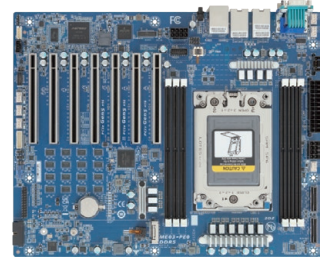
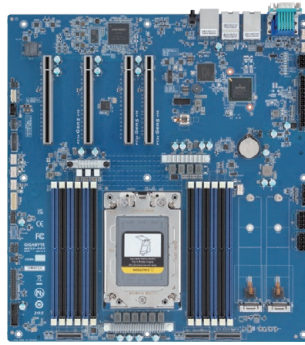
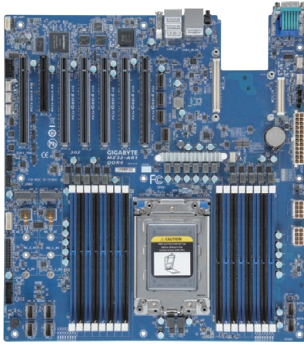
Model	MZ73-LM0	MZ73-LM1	MZ73-LM2
Form Factor	E-ATX (W304.8 x D335.2 mm)	E-ATX (W304.8 x D335.2 mm)	E-ATX (W304.8 x D335.2 mm)
CPU	AMD EPYC™ 9005/9004 Series Dual processors, Socket SP5 cTDP up to 400W	AMD EPYC™ 9005/9004 Series Dual processors, Socket SP5 cTDP up to 400W	AMD EPYC™ 9005/9004 Series Dual processors, Socket SP5 cTDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	N/A	N/A	N/A
Storage	1 x SlimSAS 4i (4 x SATAIII) 2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 1 x M.2 (PCIe 4.0 x4, 2280/22110)	1 x SlimSAS 4i (4 x SATAIII) 2 x SlimSAS 8i (4 x Gen4 NVMe or 16 x SATA) 1 x M.2 (PCIe 4.0 x4, 2280/22110)	1 x SlimSAS 4i (4 x SATAIII) 2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 1 x M.2 (PCIe 5.0 x4, 2280/22110)
Expansion Slots	4 x PCIe x16 (PCIe 5.0 x16)	4 x PCIe x16 (PCIe 4.0 x16)	4 x PCIe x16 (PCIe 5.0 x16)
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 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Security	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM012	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM012	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM012
Power Supply Connectors	1 x 24-pin ATX main 2 x 8-pin ATX 12V 3 x 6-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V 3 x 6-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V 3 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



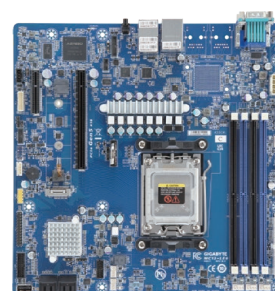
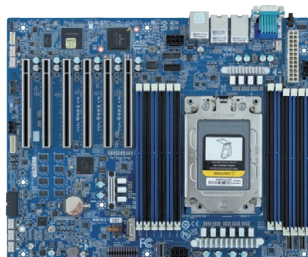
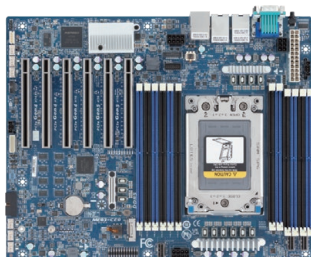
Model	MZ72-HB2	MZ33-AR1	MZ33-CP1
Form Factor	E-ATX (W305 x D330 mm)	E-ATX (W305 x D330 mm)	E-ATX (W304.8 x D330.2 mm)
CPU	AMD EPYC™ 7003/7002 Series Dual processors, Socket SP3 TDP up to 280W	AMD EPYC™ 9005/9004 Series Single processor, Socket SP5 cTDP up to 500W	AMD EPYC™ 9005/9004 Series Single processor, Socket SP5 cTDP up to 500W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/LRDIMM 16 x DDR4 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 12 x DDR5 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/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	N/A	N/A
Storage	3 x SlimSAS 4i (3 x Gen4 NVMe or 12 x SATA) 2 x SlimSAS 4i (2 x Gen4 NVMe) 4 x 7-pin SATAIII 1 x M.2 (PCIe 4.0 x4, 2280/22110)	2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 3 x MCIO 8i (6 x Gen5 NVMe) 1 x MCIO 8i (2 x Gen4 NVMe) 1 x M.2 (PCIe 4.0 x4, 2280/22110)	2 x MCIO 8i (4 x Gen4 NVMe or 16 x SATA) 4 x MCIO 8i (8 x Gen5 NVMe) 1 x M.2 (PCIe 3.0 x4, 2280/22110)
Expansion Slots	3 x PCIe x16 (PCIe 4.0 x16) 2 x PCIe x16 (PCIe 4.0 x8)	4 x PCIe x16 (PCIe 5.0 x16)	3 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 4.0 x16) 1 x OCP 3.0 Gen5 x16
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 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM012	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM012
Power Supply 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 6-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V 1 x 6-pin ATX 12V 1 x 4-pin 12V
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

Motherboard



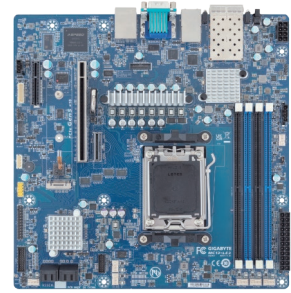
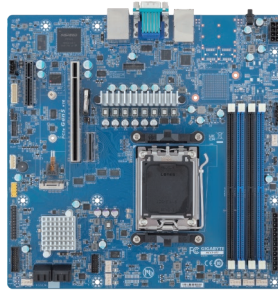
Model	MZ32-AR1	ME33-AR0	ME03-PE0
Form Factor	E-ATX (W305 x D330 mm)	E-ATX (W304.8 x D330.2 mm)	ATX (W304.8 x D243.8 mm)
CPU	AMD EPYC™ 7003 Series Single processor, Socket SP3 cTDP up to 280W	AMD EPYC™ 8004 Series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 Series Single SP6 socket cTDP up to 225W
Chipset	System on Chip	System on Chip	System on Chip
Memory	8-Channel RDIMM/LRDIMM 16 x DDR4 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 6 x DDR5 DIMMs
Networking	2 x 10Gb/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® AST2500	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	N/A	N/A	N/A
Storage	4 x SlimSAS (4 x Gen4 NVMe) 2 x SlimSAS (8 x SATA III) 1 x M.2 (PCIe 4.0 x4, 2242/2260/2280)	2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 1 x MCIO 8i (2 x Gen5 NVMe) 2 x M.2 (PCIe 5.0 x4, 2280/22110)	2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATAIII) 1 x M.2 (PCIe 3.0 x4, 2280/22110)
Expansion Slots	4 x PCIe x16 (PCIe 4.0 x16) 1 x PCIe x16 (PCIe 4.0 x8) 1 x PCIe x16 (PCIe 3.0 x 16 or x8) 1 x PCIe x8 (PCIe 3.0 x 0 or x8) 1 x OCP 2.0 Gen3 x16	3 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 4.0 x16)	3 x PCIe x16 (PCIe 5.0 x16) 2 x PCIe x16 (PCIe 4.0 x16 or x8) 2 x PCIe x16 (PCIe 4.0 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 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Security	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010
Power Supply 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 6-pin ATX 12V	1 x 24-pin ATX main 2 x 8-pin ATX 12V
Board Management	ASPEED® AST2500 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

Motherboard



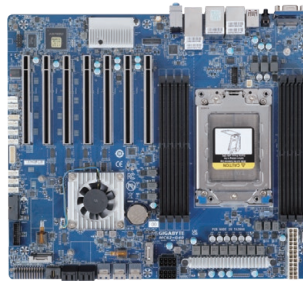
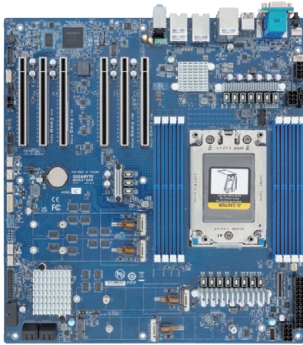
Model	ME03-CE0	ME03-CE1	MC13-LE0
Form Factor	ATX (W304.8 x D243.8 mm)	ATX (W304.8 x D243.8 mm)	microATX (W244 x D244 mm)
CPU	AMD EPYC™ 8004 Series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 8004 Series Single processor, Socket SP6 cTDP up to 225W	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor, Socket AM5 TDP up to 170W
Chipset	System on Chip	System on Chip	AMD B650E
Memory	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs	2-Channel ECC / Non-ECC UDIMM 4 x DDR5 DIMMs
Networking	2 x 10Gb/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
Audio	N/A	N/A	N/A
Storage	3 x MCIO 4i (3 x Gen5 NVMe or 12 x SATAIII) 1 x M.2 (PCIe 3.0 x4, 2280/22110)	3 x MCIO 4i (3 x Gen5 NVMe or 12 x SATAIII) 1 x M.2 (PCIe 3.0 x4, 2280/22110)	4 x SATA III RAID 0/1/10 1 x M.2 (PCIe 5.0 x4, 2242/2280)
Expansion Slots	3 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 4.0 x16 or x8) 1 x PCIe x16 (PCIe 4.0 x16) 1 x PCIe x16 (PCIe 4.0 x8)	3 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x16 (PCIe 4.0 x16 or x8) 1 x PCIe x16 (PCIe 4.0 x16) 1 x PCIe x16 (PCIe 4.0 x8)	1 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x4 (PCIe 4.0 x4)
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 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x COM 2 x RJ45 1 x MLAN
Security	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010
Power Supply 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
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

Motherboard



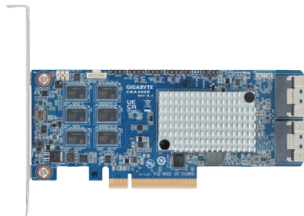
Model	MC13-LE1	MC13-LE2	MC13-LE3
Form Factor	microATX (W244 x D244 mm)	microATX (W244 x D244 mm)	microATX (W244 x D244 mm)
CPU	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor, Socket AM5 TDP up to 170W	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor, Socket AM5 TDP up to 170W	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor, Socket AM5 TDP up to 170W
Chipset	AMD B650E	AMD B650E	AMD B650E
Memory	2-Channel ECC / Non-ECC UDIMM 4 x DDR5 DIMMs	2-Channel ECC / Non-ECC UDIMM 4 x DDR5 DIMMs	2-Channel ECC / Non-ECC UDIMM 4 x DDR5 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN	2 x 1Gb/s LAN 1 x MLAN	2 x 25Gb/s LAN 2 x 1Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	N/A	N/A	N/A
Storage	4 x SATA III 1 x M.2 (PCIe 5.0 x4, 2242/2280)	1 x MCIO 8i (2 x Gen5 NVMe) 4 x SATA III 1 x M.2 (PCIe 5.0 x4, 2242/2280)	1 x MCIO 8i (2 x Gen5 NVMe) 4 x SATA III 1 x M.2 (PCIe 5.0 x4, 2242/2280)
RAID	RAID 0/1/10	RAID 0/1/10	RAID 0/1/10
Expansion Slots	1 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x4 (PCIe 4.0 x4)	1 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x4 (PCIe 4.0 x4)	1 x PCIe x16 (PCIe 5.0 x16) 1 x PCIe x4 (PCIe 4.0 x4)
Rear I/O	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x COM 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x COM 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x COM 2 x SFP28 2 x RJ45 1 x MLAN
Security	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010
Power Supply Connectors	1 x 24-pin ATX main 1 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

Motherboard

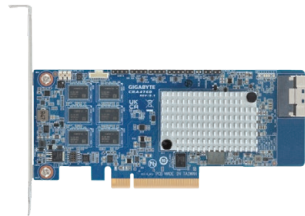


Model	MH53-G40	MC62-G40	MC62-G41
Form Factor	E-ATX (W304.8 x D330.2mm)	CEB (W305 x D267 mm)	CEB (W305 x D267 mm)
CPU	AMD Ryzen™ Threadripper™ PRO 7000 WX-Series Single processor, Socket sTR5 TDP up to 350W	AMD Ryzen™ Threadripper™ PRO 5000/3000 WX-Series Single processor, Socket sWRX8 TDP up to 280W	AMD Ryzen™ Threadripper™ PRO 5000/3000 WX-Series Single processor, Socket sWRX8 TDP up to 280W
Chipset	AMD WRX90	AMD WRX80	AMD WRX80
Memory	8-Channel ECC RDIMM 8 x DDR5 DIMMs	8-Channel RDIMM/LRDIMM/ECC UDIMM 8 x DDR4 DIMMs	8-Channel RDIMM/LRDIMM/ECC UDIMM 8 x DDR4 DIMMs
Networking	2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x 1Gb/s LAN 1 x MLAN	1 x 1Gb/s LAN 1 x MLAN
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	Realtek® ALC897 HD Audio Codec	Realtek® ALC4080 HD audio codec	Realtek® ALC4080 HD audio codec
Storage	4 x SATA III 1 x MCIO 8i (2 x Gen5 NVMe or 8 x SATA III) 4 x M.2 (PCIe 5.0 x4, 2280/22110)	4 x SATA III 3 x SlimSAS (3 x Gen4 NVMe or 12 x SATA) 2 x M.2 (PCIe 4.0 x4 or SATA III, 2242/2280)	4 x SATAIII 3 x SlimSAS (3 x Gen4 NVMe or 12 x SATA) 2 x M.2 (PCIe 4.0 x4 or SATAIII, 2242/2280)
RAID	RAID 0/1/10/5	RAID 0/1/5/10	RAID 0/1/5/10
Expansion Slots	6 x PCIe x16 (PCIe 5.0 x16) 1 x M.2 for WiFi (PCIe 3.0 x1, 2230)	6 x PCIe x16 (PCIe 4.0 x16) 1 x PCIe x16 (PCIe 4.0 x8) 1 x M.2 for WiFi (PCIe 3.0 x1, 2230)	6 x PCIe x16 (PCIe 4.0 x16) 1 x PCIe x16 (PCIe 4.0 x8) 1 x M.2 for WiFi (PCIe 3.0 x1, 2230)
Rear I/O	1 x USB 3.2 Gen2x2 Type-C 3 x USB 3.2 Gen2 Type-A 1 x VGA 1 x COM 2 x RJ45 1 x MLAN 3 x Audio jack	3 x RJ45 1 x VGA 1 x MLAN 1 x USB 3.2 Gen2 Type-C 5 x USB 3.2 Gen2 Type-A 3 x Audio jacks	1 x RJ45 1 x VGA 1 x MLAN 1 x USB 3.2 Gen2 Type-C 5 x USB 3.2 Gen2 Type-A 3 x Audio jacks
Security	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010	1 x TPM header with SPI interface Optional TPM 2.0 module: CTM010
Power Supply 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

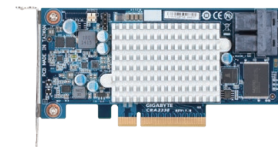
Storage Adapter



CRA4960 / CRA4961

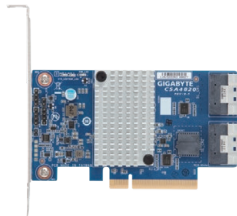


CRA4760 / CRA4761

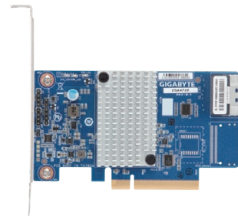


CRA3338

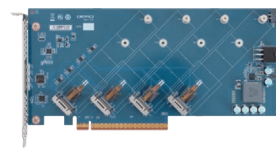
Ports	2 x Slimline SAS 8i connectors Up to 16 x SAS/SATA physical devices Up to 4 x NVMe physical devices [CRA4960] Max. 32 x SAS/SATA with SAS expander [CRA4961] Max. 240 x SAS/SATA with SAS expander	1 x Slimline SAS 8i connector Up to 8 x SAS/SATA physical devices Up to 2 x NVMe physical devices [CRA4760] 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



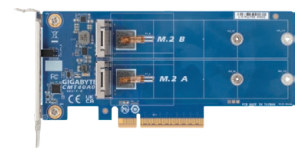
CSA4820



CSA4710



CMT1P1C2

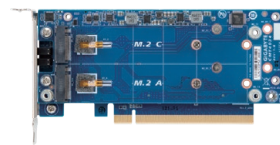


CMT40A0

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



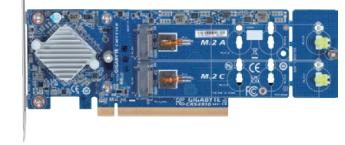
CMT4032



CMT4034



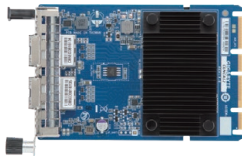
CMT3060



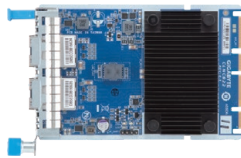
CMT3160

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

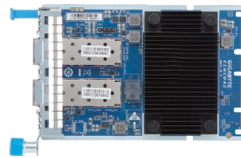
LAN Adapter



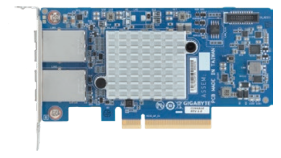
CLNCA12



CLNCB22

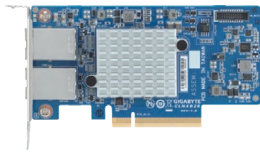


CLNCD42

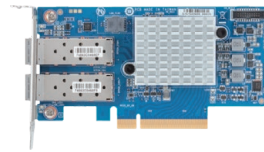


CLN4A10

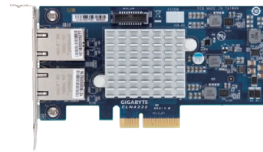
Ports	2 x 1G BASE-T RJ45 LAN ports Supports 1Gb/s, 100Mb/s, 10Mb/s	2 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port	2 x SFP28 LAN ports Supports 25Gb/s, 10Gb/s per port	2 x 1G BASE-T RJ45 LAN ports Supports 1Gb/s, 100Mb/s, 10Mb/s
Controller	Broadcom® BCM5720	Broadcom® BCM57416	Broadcom® 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



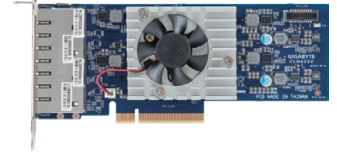
CLN4B20



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)

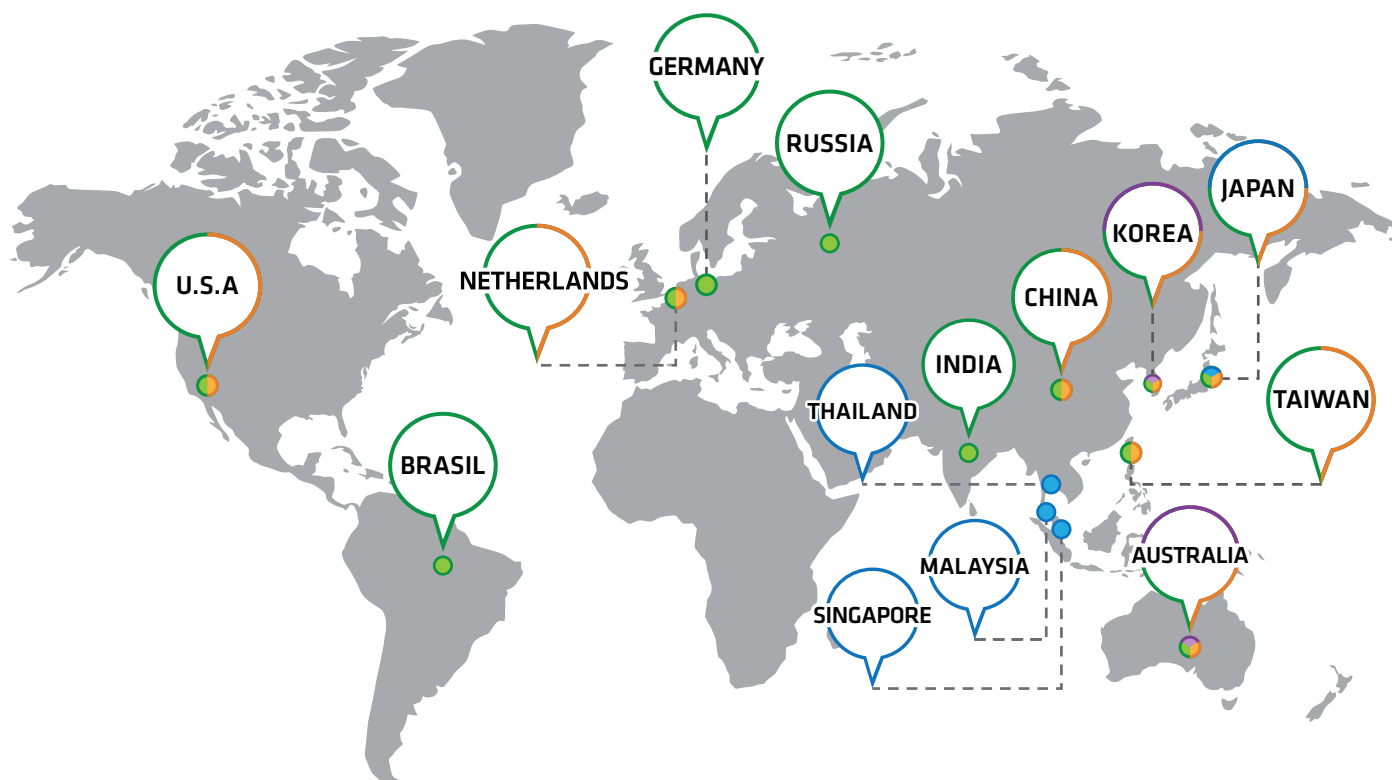


Globally located RMA & repair centers, onsite technical support services



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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