GIGABYTE™
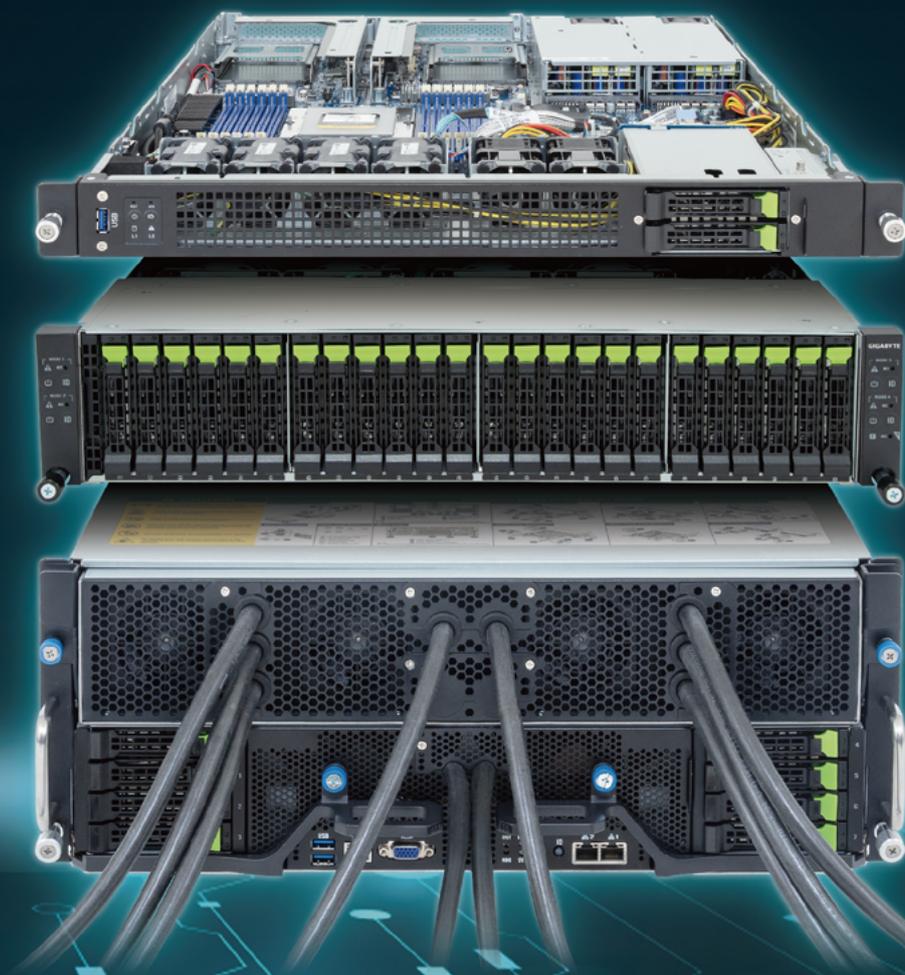
AMD-based Enterprise Solutions

Servers / Motherboards / Barebone Servers / Accessories

2026 1H

AMD☐ EPYC

AMD☐ INSTINCT

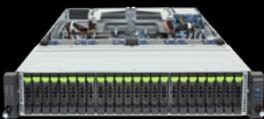# Content

GPU Server

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	G894-ZD3-AAX7	G893-ZD1-AAX5/AAX3	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 8-GPU	[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 cTDP up to 500W at ambient 30℃	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W at ambient 30℃	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W at ambient 25℃
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 PSUs 3000W 80+ Titanium	[AAX3] 4+4 redundant PSUs [AAX5] 6+6 redundant PSUs 3000W 80+ Titanium	5+1 redundant PSUs 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 [AAX4] AMD Instinct™ MI355X 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 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors 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: 8 x 2.5" Gen5 NVMe 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/AAX4] 6+6 3000W 80+ Titanium PSUs	4+2 redundant PSUs 3000W 80+ Titanium	3+1 redundant PSUs 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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) (W448 x H176 x D1000.5 mm with optional fan kit)	4U (W448 x H176 x D880 mm) (W448 x H176 x D1000.5 mm with optional fan kit)	4U (W448 x H176 x D880 mm) (W448 x H176 x D1000.5 mm with optional fan kit)
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 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors 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 FHHL	8 x PCIe 5.0 x16 FHFL for GPUs 3 x PCIe 5.0 x16 FHHL 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 PSU 3000W 80+ Titanium	Quad redundant PSU 3000W 80+ Titanium	Quad redundant PSU 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

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 cTDP up to 500W at ambient 25°C	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W at ambient 25°C	AMD EPYC™ 9005/9004 series Dual processors 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 FHHL 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 PSUs 3000W 80+ Titanium	3+1 redundant PSUs 3000W 80+ Titanium	3+1 redundant PSUs 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.

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	G294-Z4*-AAP2	G294-Z21/Z22-AAP2	G293-Z23-AAM1
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 cTDP up to 300W at ambient 30°C	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at ambient 25°C	AMD EPYC™ 9005/9004 series Single processor 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 PSU 3000W 80+ Titanium	Dual redundant PSU 3000W 80+ Titanium	Dual redundant PSU 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.

GPU Server

01

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	**XL43-ZX2-AAS1**	**XL43-ZX0-AAS2**
Motherboard	MZX3-MG1	MZX3-MG1
Form Factor	4U (W438 x H176.6 x D802.5 mm) NVIDIA RTX PRO™ Server with ConnectX®-8 SuperNIC™ Switch	4U (W438 x H176.6 x D802.5 mm) NVIDIA MGX™ modular server design
GPU	8 x Dual-slot PCIe GPUs*	8 x Dual-slot PCIe GPUs
CPU	AMD EPYC™ 9005 series Dual processors cTDP up to 500W at ambient 30℃	AMD EPYC™ 9005 series Dual processors cTDP up to 500W at ambient 30℃
Chipset	System on Chip	System on Chip
Memory	12-Channel RDIMM 24 x DDR5 DIMMs	12-Channel RDIMM 24 x DDR5 DIMMs
Networking	8 x 400Gb/s QSFP** 2 x 10Gb/s LAN 1 x MLAN	2 x 10Gb/s LAN 1 x MLAN (front) 1 x MLAN (rear)
Storage	Front hot-swap: 8 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: 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)
Expansion Slots	8 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL for DPU	8 x PCIe 5.0 x16 FHFL for GPUs 1 x PCIe 5.0 x16 FHFL
I/O Ports	Front: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN Rear: 8 x QSFP	Front: 2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN Rear: 1 x MLAN
Security	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	4+0 redundant PSUs 3200W 80+ Titanium	4+0 redundant PSUs 3200W 80+ Titanium
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Dual ROM architecture Configured with 8 x NVIDIA RTX PRO™ 6000 Blackwell Server Edition GPUs & 1 x NVIDIA® BlueField®-3 DPU	Dual ROM architecture Supports 8 x NVIDIA H200 NVL or NVIDIA RTX PRO™ 6000 Blackwell Server Edition

* Directly to the GPUs via NVIDIA ConnectX®-8 SuperNIC™ switch board.
** Onboard 400Gb/s InfiniBand/Ethernet QSFP ports with PCIe Gen6 switching for peak GPU-to-GPU performance.

GPU Server

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	**XV23-ZX0-AAJ1**	**XV23-ZU0-AAJ1**
Motherboard	MZX3-MG0	MZU3-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
GPU	4 x Dual-slot PCIe GPUs	4 x Dual-slot PCIe GPUs
CPU	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at ambient 30°C
Chipset	System on Chip	System on Chip
Memory	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
Storage	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	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 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
Power Supply	3+1 redundant PSUs 2000W 80+ Titanium	3+1 redundant PSUs 2000W 80+ Titanium
System Management	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 or NVIDIA RTX PRO™ 6000 Blackwell Server Edition

High-Density Server

Model	B683-Z80-AAS1	B343-C40-AAJ*	H273-Z84-AAW1
Motherboard	MZ83-HD3	MC43-BL0	MZ83-HD2
Form Factor	6U 10 Nodes - Front access (W447 x H262.3 x D900 mm)	3U 10 Nodes - Front access (W447 x H132 x D770 mm)	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processor per node TDP up to 500W	AMD EPYC™ 4005 series AMD Ryzen™ 9000 series Single processor per node	AMD EPYC™ 9005/9004 series Dual processors per node cTDP up to 240W at ambient 35°C
Chipset	System on Chip	AMD B650E chipset	System on Chip
Memory	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 240 x DIMMs	2-Channel DDR5 ECC/Non-ECC UDIMM 4 x DIMMs per node, total 40 x DIMMs	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 96 x DIMMs
Networking	10 x MLAN 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	8 x 1Gb/s LAN 4 x MLAN
Storage	Front hot-swap: 20 x E3.S Gen5 NVMe	Internal: 20 x 2.5" Gen5 NVMe/SATA 10 x M.2 (PCIe 3.0 x1)	Front hot-swap: 24 x 2.5" Gen5 NVMe/SATA/SAS4* Optional internal M.2: 4 x M.2 (PCIe 4.0 x4)
Expansion Slots	20 x PCIe 5.0 x16 LP	10 x PCIe 5.0 x16 FHHL 3 x OCP 3.0 Gen4	8 x PCIe 5.0 x16 LP 4 x OCP 3.0 Gen5 x16
I/O Ports	Front: 20 x USB 3.2 Gen1 10 x Mini-DP 10 x MLAN Rear: 2 x CMC MLAN	Front: 20 x USB 3.2 Gen1 10 x MLAN 10 x Mini-DP [AAJ1/AAJ2] 20 x RJ45 [AAJ3] SFP28 Rear: 2 x CMC MLAN	Front: N/A Rear: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN
Security	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	7+3 redundant PSUs 3200W 80+ Titanium	2+2 redundant PSUs 2000W 80+ Titanium	Dual redundant PSU 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® AST2520 CMC GIGABYTE Management Console
Other Features	Dual ROM architecture Ring Topology Management	Centralized Networking Management Ring Topology Management	Dual ROM architecture Multiplexing management topology

* SAS card is required to support SAS drives.

High-Density Server

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	H273-Z85-AAW1	H233-Z80-AAW1/AAN1	H253-Z10-AAP1
Motherboard	MZ83-HD2	MZ83-HD0	MZ13-SH0
Form Factor	2U 4 Nodes - Rear access (W440 x H87.5 x D877 mm)	2U 2 Nodes - Rear access (W440 x H87.5 x D877 mm)	2U 4 Nodes - Front access (W447 x H87 x D887 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors per node cTDP up to 400W at ambient 25°C	AMD EPYC™ 9005/9004 series Dual processors per node cTDP up to 240W at ambient 30°C	AMD EPYC™ 9005/9004 series Single processor per node cTDP up to 400W 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 48 x DIMMs	12-Channel DDR5 RDIMM 24 x DIMMs per node, total 96 x DIMMs
Networking	8 x 1Gb/s LAN 4 x MLAN	4 x 1Gb/s LAN 2 x MLAN	8 x 1Gb/s LAN 4 x MLAN 2 x CMC
Storage	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	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)
Expansion Slots	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	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: 4 x USB 3.2 Gen1 2 x Mini-DP 4 x RJ45 2 x MLAN	Front: 8 x USB 3.2 Gen1 4 x Mini-DP 8 x RJ45 4 x MLAN Rear: 2 x CMC
Security	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010
Power Supply	Dual redundant PSU 3000W 80+ Titanium	Dual redundant PSU [AAW1] 3000W 80+ Titanium [AAN1] 2600W 80+ Titanium	Dual redundant PSU 3000W 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 Supports 4 x dual-slot PCIe GPUs	Dual ROM architecture Ring Topology Management

* SAS card is required to support SAS drives.

High-Density Server

02

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	**H223-Z10-AAP1**
Motherboard	MZ13-HD0
Form Factor	2U 3 Nodes - Front access (W447.8 x H87.5 x D500 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor per node cTDP up to 300W at ambient 30°C
Chipset	System on Chip
Memory	12-Channel DDR5 RDIMM 12 x DIMMs per node, total 36 x DIMMs
Networking	2 x CMC MLAN
Storage	Front hot-swap: 6 x 9.5mm E1.S Gen4 NVMe Optional internal M.2: 3 x M.2 (PCIe 4.0 x4)
Expansion Slots	3 x PCIe 5.0 x16 FHHL 3 x PCIe 5.0 x16 LP 3 x OCP 3.0 Gen5 x16
I/O Ports	Front: 6 x USB 3.2 Gen1 3 x VGA 2 x CMC MLAN Rear: N/A
Security	Optional TPM 2.0 module: CTM010
Power Supply	1+1 redundant PSUs 3000W 80+ Titanium
System Management	ASPEED® AST2600 BMC ASPEED® AST2520 CMC GIGABYTE Management Console
Other Features	Dual ROM architecture Ring Topology Management

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Storage Server

Model	**S453-Z30-AAV2**	**S463-Z30-AAB1**
Motherboard	MZ33-AR1	MZ33-AR1
Form Factor	4U (W482.6 x H177 x D625 mm)	4U (W434 x H176 x D853 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W	AMD EPYC™ 9005/9004 series Single processor cTDP up to 400W
Chipset	System on Chip	System on Chip
Memory	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
Storage	Front hot-swap: 24 x 3.5"/2.5" SATA/SAS [1], connected to expander Rear hot-swap: 12 x 3.5"/2.5" SATA/SAS [1], connected to expander 2 x 2.5" SATA/SAS [2], for boot drives Internal M.2: 1 x M.2 (2280/22110) PCIe Gen4 x4	Internal hot-swap: 60 x 3.5"/2.5" SATA/SAS [1] Rear hot-swap: 6 x 2.5" Gen5 NVMe 2 x 2.5" SATA/SAS [2] Internal M.2: 1 x M.2 (2280/22110) PCIe Gen4 x4
Expansion Slots	4 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 LP
I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN	Rear: 2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN
Security	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
Power Supply	Dual redundant PSU 1600W 80+ Titanium	2+2 redundant PSUs 800W 80+ Platinum
System Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console
Other Features	Onboard 12Gb/s SAS expander	Onboard 12Gb/s SAS expander

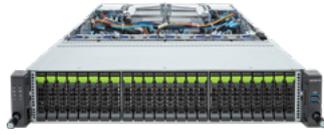[1] Storage card is required to enable SATA and SAS drives.
[2] Additional SAS card is required for SAS support on boot drives.

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 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors 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 PSU [AAD*] 1600W 80+ Platinum [AAV*] 1600W 80+ Titanium	Dual redundant PSU [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	1+1 redundant PSUs [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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors 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 FHFL 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 PSU [AAE1] 2000W 80+ Platinum [AAJ1] 2000W 80+ Titanium	1+1 redundant PSUs [AAE3] 2000W 80+ Platinum [AAJ3] 2000W 80+ Titanium	1+1 redundant PSUs [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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W	AMD EPYC™ 9005/9004 series Dual processors 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	1+1 redundant PSUs 2700W 80+ Titanium	1+1 redundant PSUs 2700W 80+ Titanium	Dual redundant PSU 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.
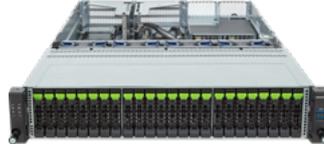** Storage card is required to support SATA/SAS drives.

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 cTDP up to 500W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 400W at ambient 30°C	AMD EPYC™ 9005/9004 series Dual processors 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 PSU 2700W 80+ Titanium	1+1 redundant PSUs 2000W 80+ Titanium	1+1 redundant PSUs 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 GPUs	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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 H43.5 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 OCP NIC 3.0 ≦ 21W at 30°C ambient, cTDP up to 400W	AMD EPYC™ 9005/9004 series Dual processors OCP NIC 3.0 ≦ 21W at 30°C ambient, cTDP up to 400W	AMD EPYC™ 9005/9004 series Dual processors 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 PSU [AAD*] 1600W 80+ Platinum [AAV*] 1600W 80+ Titanium	Dual redundant PSU [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	Dual redundant PSU [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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	**R183-ZK0-AAL1**	**R263-Z36-AAE1 / AAJ1**	**R263-Z37-AAC1 / AAH1**
Motherboard	MZK3-LM0	MZ33-DC1	MZ33-DC1
Form Factor	1U (W438 x H43.5 x D815 mm)	2U (W438 x H87.5 x D710 mm)	2U (W438 x H87.5 x D710 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W with optional heatsink at 30°C ambient	AMD EPYC™ 9005/9004 series Single processor 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	1+1 redundant PSUs 2700W 80+ Titanium	1+1 redundant PSUs **[AAE1]** 2000W 80+ Platinum **[AAJ1]** 2000W 80+ Titanium	1+1 redundant PSUs **[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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	R263-Z38-AAL1	R263-ZG0-AAL2	R263-ZG2-AAJ3
Motherboard	MZ33-DC1	MZG3-GU0	MZG3-GU0
Form Factor	2U (W438 x H87.5 x D710 mm)	2U (W438 x H87.5x D815 mm)	2U (W438 x H87.5x D815 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor 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	1+1 redundant PSUs 2700W 80+ Titanium	Dual redundant PSU 2700W 80+ Titanium	1+1 redundant PSUs 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	R263-ZG5-AAL2	R163-ZG2-AAJ2	R163-ZG6-AAL2
Motherboard	MZG3-GU0	MZG3-GU0	MZG3-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	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor 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	1+1 redundant PSUs 2700W 80+ Titanium	1+1 redundant PSUs 2000W 80+ Titanium	1+1 redundant PSUs 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	R163-Z34-AAH1	R163-Z35-AAC1 / AAH1	R163-Z36-AAJ2
Motherboard	MZ33-DC1	MZ33-DC1	MZ33-DC1
Form Factor	1U (W438 x H43.5 x D710 mm)	1U (W438 x H43.5 x D710 mm)	1U (W438 x H43.5 x D710 mm)
CPU	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor cTDP up to 400W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor cTDP up to 400W 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* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS4* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 16 x E3.S 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	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	1+1 redundant PSUs 1300W 80+ Titanium	1+1 redundant PSUs **[AAC1]** 1300W 80+ Platinum **[AAH1]** 1300W 80+ Titanium	1+1 redundant PSUs 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.

04

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 H87.5 x D710 mm)	2U (W438 x H87.5 x D710 mm)	2U (W438 x H87.5 x D815 mm)
CPU	AMD EPYC™ 8004 series Single processor cTDP up to 225W	AMD EPYC™ 8004 series Single processor cTDP up to 225W	AMD EPYC™ 8004 series Single processor 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 FHHL 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 PSUs **[AAC1]** 1300W 80+ Platinum **[AAH1]** 1300W 80+ Titanium	1+1 redundant PSUs **[AAF1]** 2400W 80+ Platinum **[AAL1]** 2700W 80+ Titanium	1+1 redundant PSUs **[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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 cTDP up to 225W	AMD EPYC™ 8004 series Single processor cTDP up to 225W	AMD EPYC™ 8004 series Single processor 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 PSUs [AAB1] 800W 80+ Platinum [AAG1] 850W 80+ Titanium	1+1 redundant PSUs [AAC1] 1300W 80+ Platinum [AAH1] 1300W 80+ Titanium	1+1 redundant PSUs 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

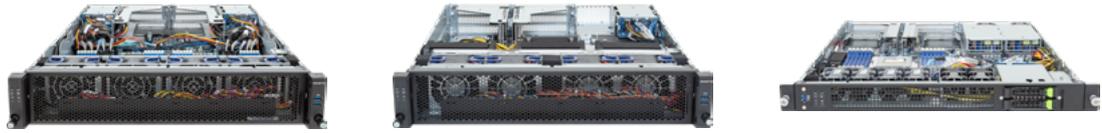* SAS card is required to support SAS drives.

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 H43.5 x D710 mm)	1U (W438 x H43.5 x D710 mm)
CPU	AMD EPYC™ 8004 series Single processor cTDP up to 225W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor TDP up to 105W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor 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	1 x PCIe 5.0 x16 FHFL for GPU 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 PSUs 1300W 80+ Platinum	1+1 redundant PSUs **[AAA*]** 550W 80+ Platinum **[AAG*]** 800W 80+ Titanium	1+1 redundant PSUs **[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 H43.5 x D710 mm)	1U (W438 x H43.5 x D536 mm)	1U (W430 x H43.5 x D393.2 mm)
CPU	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor TDP up to 170W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor TDP up to 105W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor 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 Serial 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 Serial 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 PSUs [AAB1] 800W 80+ Platinum [AAG1] 800W 80+ Titanium	Single PSU 400W 80+ Gold	Single PSU [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

Edge Server

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 D625 mm)	2U (W438 x H87.5 x D520 mm)	1U (W438 x H43.5 x D520 mm)
CPU	AMD EPYC™ 9005/9004 series Dual processors cTDP up to 500W with optional heatsink	AMD EPYC™ 9005/9004 series Single processor cTDP up to 500W at 25°C ambient	AMD EPYC™ 9005/9004 series Single processor 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	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)	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* 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 PSU **[AAD1]** 1600W 80+ Platinum **[AAV1]** 1600W 80+ Titanium	1+1 redundant PSUs 2000W 80+ Titanium	1+1 redundant PSUs 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 H87.5 x D520 mm)	1U (W438 x H43.5 x D520 mm)	1U (W438 x H43.5 x D520 mm)
CPU	AMD EPYC™ 8004 series Single processor cTDP up to 225W	AMD EPYC™ 8004 series Single processor cTDP up to 225W	AMD EPYC™ 4005/4004 series AMD Ryzen™ 9000/7000 series Single processor 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	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* Internal M.2: 1 x M.2 (PCIe 3.0 x4)	Front hot-swap: 2 x 2.5" SATA 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 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 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 PSUs [AAD1] 1600W 80+ Platinum [AAV1] 1600W 80+ Titanium	1+1 redundant PSUs [AAB1] 800W 80+ Platinum [AAG1] 800W 80+ Titanium	1+1 redundant PSUs [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.

Workstation

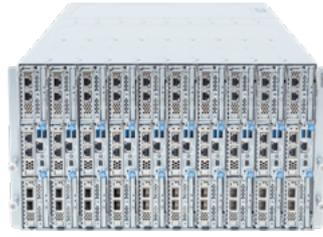| Model	**W773-H5D-AA01**	**W332-Z00** (rev. 200)
Motherboard	MH53-G40	MC13-NB1
Form Factor	W218 x H455 x D726.3 mm	W198 x H370 x D375 mm
CPU	AMD Ryzen™ Threadripper™ PRO 9000/ 7000 WX-Series Processors, Single processor	AMD Ryzen™ 7000 series Single processor
Chipset	AMD WRX90 chipset	AMD B650E chipset
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 1 x M.2 (PCIe 5.0 x4) 1 x M.2 (PCIe 4.0 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 WiFi
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 Serial 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	The system supports the following GPU configurations: - NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition: 2 x GPUs - NVIDIA RTX™ 6000 Ada Generation: 4 x GPUs - Dual-slot 600W GPUs: 1 x GPU - Triple-slot GPUs: 2 x GPUs	Supports dual-slot PCIe GPU

DLC Server

Model	G4L4-ZD3-LAX7	G4L3-ZD1-LAX3 / LAX5	G4L3-ZX1-LAT4
Form Factor	4U (W447 x H175.3 x D900 mm)	4U (W447 x H175.5 x D901 mm)	4U (W447 x H175.5 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	8 x 800 Gb/s OSFP InfiniBand XDR / Dual 400 Gb/s Ethernet [1] 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 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe 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 PCIe 5.0 x16 FHHL (dual-slot) 8 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	5+5 3000W 80+ Titanium PSUs	4+4 3000W 80+ Titanium PSUs	3+3 5200W 80+ Titanium PSUs
Other Features	Dual ROM architecture NVIDIA HGX™ B300	Dual ROM architecture **[LAX3]** NVIDIA HGX™ H200 8-GPU **[LAX5]** NVIDIA HGX™ B200 8-GPU	Dual ROM architecture AMD Instinct™ MI355X 8-GPU

Model	G4L3-ZX1-LAX1 / LAX2	G593-ZX1-LAX1	G593-ZD1-LAX3
Form Factor	4U (W447 x H175.5 x D901 mm)	5U (W447 x H219.7 x D945 mm)	5U (W447 x H219.7 x D945 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 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe 1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	8 x 2.5" Gen5 NVMe 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) 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 FHHL 8 x PCIe 5.0 x16 LP
Power Supply	4+4 3000W 80+ Titanium PSUs	4+2 3000W 80+ Titanium PSUs	4+2 3000W 80+ Titanium PSUs
Other Features	Dual ROM architecture **[LAX1]** AMD Instinct™ MI300X 8-GPU **[LAX2]** AMD Instinct™ MI325X 8-GPU	Dual ROM architecture AMD Instinct™ MI300X 8-GPU	Dual ROM architecture NVIDIA HGX™ H200 8-GPU

[1] GPU networking ports via onboard NVIDIA ConnectX®-8 SuperNIC™

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

DLC Server

Model	**G494-ZB0-LAP1**	**B683-Z80-LAS1**	**G383-R80-LAP1**
Form Factor	4U (W447 x H176 x D880 mm)	6U (W447 x H262.3 x D900 mm)	3U (W447 x H131 x D950 mm)
CPU	Dual AMD EPYC™ 9005/9004 series	Dual AMD EPYC™ 9005/9004 series per node	4 x AMD Instinct™ MI300A APUs
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs	12-Channel DDR5 RDIMM, 24 x DIMMs per node	128GB HBM3 unified memory
Networking	2 x 10Gb/s LAN, 1 x MLAN	10 x MLAN, 2 x CMC MLAN	2 x 10Gb/s LAN, 1 x MLAN
Storage	1 x M.2 (PCIe 3.0 x4) 1 x M.2 (PCIe 3.0 x1)	20 x E3.S Gen5 NVMe	8 x 2.5" Gen5 NVMe 1 x M.2 (PCIe 5.0 x4)
Expansion Slots	8 x liquid-cooled PCIe5.0 x16 FHFL for GPUs 4 x liquid-cooled PCIe5.0 x16 FHFL for DPUs	30 x PCIe 5.0 x16 LP	4 x PCIe 5.0 x16 FHHL (dual-slot) 4 x PCIe 5.0 x16 FHHL (single-slot)
Power Supply	3+1 3000W 80+ Titanium PSUs	6+6 3200W 80+ Titanium PSUs	3+1 3000W 80+ Titanium PSUs
Other Features	Dual ROM architecture Configured with 8 x Intel® Gaudi® 3 PCIe cards or AMD Radeon™ AI PRO R9700S Configured with 1 x NVIDIA® BlueField®-3 DPU	Dual ROM architecture Ring Topology Management	Dual ROM architecture

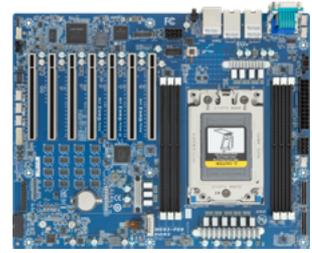| Model	**H273-Z80-LAW1 / LAN1**	**H273-Z81-LAW1 / LAN1**	**H273-Z85-LAZ1**
Form Factor	2U 4-Node (W440 x H87.5 x D877 mm)	2U 4-Node (W440 x H87.5 x D877 mm)	2U 4-Node (W440 x H87.5 x D877 mm)
CPU	Dual AMD EPYC™ 9005/9004 per node	Dual AMD EPYC™ 9005/9004 per node	Dual AMD EPYC™ 9005/9004 per node
Memory	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 Optional 4 x M.2 (PCIe 4.0 x4)	8 x 2.5" Gen4 NVMe/SATA Optional 4 x M.2 (PCIe 4.0 x4)	8 x 2.5" Gen5 NVMe/SATA 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 PSU **[LAN1]** Dual 2600W 80+ Titanium PSU	**[LAW1]** Dual 3000W 80+ Titanium PSU **[LAN1]** Dual 2600W 80+ Titanium PSU	Dual 3600W 80+ Titanium PSU
Other Features	Dual ROM architecture Multiplexing management topology	Dual ROM architecture Multiplexing management topology	Dual ROM architecture Multiplexing management topology

DLC Server

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

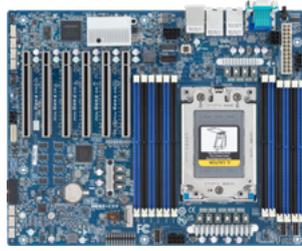| Model	**H253-Z10-LAP1**	**R183-ZK0-LAJ1**	**R183-Z93-LAJ1**
Form Factor	2U 4-Node (W447 x H87 x D887 mm)	1U (W438 x H43.5 x D815 mm)	1U (W438 x H43.5 x D815 mm)
CPU	Single AMD EPYC™ 9005/9004 per node	Dual AMD EPYC™ 9005/9004 series	Dual AMD EPYC™ 9005/9004 series
Memory	12-Channel DDR5 RDIMM, 96 x 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.S Gen4 NVMe 4 x M.2 (PCIe 5.0 x4) 8 x M.2 (SATA)	4 x 2.5" Gen5 NVMe/SATA 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 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 2 x OCP 3.0 Gen5 x16
Power Supply	Dual 3000W 80+ Titanium PSU	1+1 2000W 80+ Titanium PSUs	1+1 2000W 80+ Titanium PSUs
Other Features	Dual ROM architecture Ring Topology Management	Dual ROM architecture	Dual ROM architecture

Motherboard

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 processor cTDP up to 400W	AMD EPYC™ 9005/9004 Series Dual processor cTDP up to 400W	AMD EPYC™ 9005/9004 Series Dual processor 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 SATA) 2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 1 x M.2 (PCIe 4.0 x4)	1 x SlimSAS 4i (4 x SATA) 2 x SlimSAS 8i (4 x Gen4 NVMe or 16 x SATA) 1 x M.2 (PCIe 4.0 x4)	1 x SlimSAS 4i (4 x SATA) 2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 1 x M.2 (PCIe 5.0 x4)
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 Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN
Security Modules	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
PSU 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 processor TDP up to 280W	AMD EPYC™ 9005/9004 Series Single processor cTDP up to 500W	AMD EPYC™ 9005/9004 Series Single processor 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 SATA 1 x M.2 (PCIe 4.0 x4)	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)	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)
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 Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x Mini-DP 2 x RJ45 1 x MLAN
Security Modules	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM012
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 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

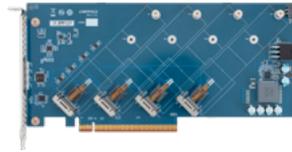| Model	MZ23-SU0	ME33-AR0	ME03-PE0
Form Factor	CEB (W304.8 x D266.7 mm)	E-ATX (W304.8 x D330.2 mm)	ATX (W304.8 x D243.8 mm)
CPU	AMD EPYC™ 9005/9004 Series Single processor cTDP up to 500W	AMD EPYC™ 8004 Series Single processor cTDP up to 225W	AMD EPYC™ 8004 Series Single processor cTDP up to 225W
Chipset	System on Chip	System on Chip	System on Chip
Memory	12-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 12 x DDR5 DIMMs	6-Channel RDIMM 6 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
Video	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600	Integrated in ASPEED® AST2600
Audio	N/A	N/A	N/A
Storage	2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 2 x MCIO 8i (4 x Gen5 NVMe) 2 x M.2 (PCIe 3.0 x2)	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)	2 x MCIO 8i (4 x Gen5 NVMe or 16 x SATA) 1 x M.2 (PCIe 3.0 x4)
Expansion Slots	5 x PCIe x16 (PCIe 5.0 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 Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN
Security Modules	Optional TPM 2.0 module: CTM012	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 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 6-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

Motherboard

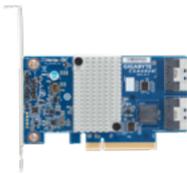| Model	ME03-CE0	ME03-CE1	MC13-LE0
Form Factor	ATX (W304.8 x D243.8 mm)	ATX (W304.8 x D243.8 mm)	microATX (W244 x D244 mm)
CPU	AMD EPYC™ 8004 Series Single processor cTDP up to 225W	AMD EPYC™ 8004 Series Single processor cTDP up to 225W	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor 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 SATA) 1 x M.2 (PCIe 3.0 x4)	3 x MCIO 4i (3 x Gen5 NVMe or 12 x SATA) 1 x M.2 (PCIe 3.0 x4)	4 x SATA RAID 0/1/10 1 x M.2 (PCIe 5.0 x4)
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 Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x Serial 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
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
Board Management	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console	ASPEED® AST2600 BMC GIGABYTE Management Console

Motherboard

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 TDP up to 170W	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor TDP up to 170W	AMD EPYC™ 4005/4004 Series AMD Ryzen™ 9000/7000 Series Single processor 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 1 x M.2 (PCIe 5.0 x4)	1 x MCIO 8i (2 x Gen5 NVMe) 4 x SATA 1 x M.2 (PCIe 5.0 x4)	1 x MCIO 8i (2 x Gen5 NVMe) 4 x SATA 1 x M.2 (PCIe 5.0 x4)
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 Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x Serial 2 x RJ45 1 x MLAN	2 x USB 3.2 Gen1 Type A 1 x VGA 1 x Serial 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
PSU 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

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

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 9000WX-Series AMD Ryzen™ Threadripper™ PRO 7000 WX-Series Single processor TDP up to 350W	AMD Ryzen™ Threadripper™ PRO 5000/3000 WX-Series Single processor TDP up to 280W	AMD Ryzen™ Threadripper™ PRO 5000/3000 WX-Series Single processor TDP up to 280W
Chipset	AMD WRX90	AMD WRX80	AMD WRX80
Memory	8-Channel 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 1 x MCIO 8i (2 x Gen5 NVMe or 8 x SATA) 4 x M.2 (PCIe 5.0 x4)	4 x SATA 3 x SlimSAS (3 x Gen4 NVMe or 12 x SATA) 2 x M.2 (PCIe 4.0 x4 or SATA)	4 x SATA 3 x SlimSAS (3 x Gen4 NVMe or 12 x SATA) 2 x M.2 (PCIe 4.0 x4 or SATA)
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)	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)	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)
Rear I/O	1 x USB 3.2 Gen2x2 Type-C 3 x USB 3.2 Gen2 Type-A 1 x VGA 1 x Serial 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 Modules	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 module: CTM010	Optional TPM 2.0 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

Add-in cards & Accessories

Model	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 [4960] Max. 32 x SAS/SATA with SAS expander [4961] 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 [4760] Max. 32 x SAS/SATA with SAS expander [4761] 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)
Form Factor	Half-length 68.9 x 167 mm	Half-length 68.9 x 167 mm	Half-length 64.4 x 167.6 mm

Model	CSA4820	CSA4710	CMTP1C2	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)
Form Factor	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

Model	CMT4034	CMT4032	CMT3160	CMT3060
Ports	4 x M.2 slots (PCIe 3.0 x4) M key, type 2280/22110 PCIe SSD support only	2 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 2280/22110 Only support NVMe SSDs	4 x M.2 slots (PCIe 4.0 x4) M key, type 2280 Only support NVMe SSDs
Controller	-	-	Broadcom® SAS3816	Broadcom® SAS3816
RAID	-	-	RAID 0/1/10	RAID 0/1/10
Interface	PCIe x16 (Gen3 x16)	PCIe x8 (Gen3 x8)	PCIe x16 (Gen4 x8)	PCIe x16 (Gen4 x8)
Form Factor	Low-profile 68.9 x 150 mm	Low-profile 68.9 x 150 mm	Low-profile 68.9 x 197.99 mm	Low-profile 68.9 x 167.5 mm

Add-in cards & Accessories

GPU Server

High-Density Server

Storage Server

Rack Server

Edge Server

Workstation

DLC Server

Motherboard

Add-in Cards & Accessories

Model	**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)
Form Factor	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

Model	**CLN4B20**	**CLN4D40**	**CLN4224**	**CLN4222**
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	4 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port	2 x 10G BASE-T RJ45 LAN ports Supports 10Gb/s, 1Gb/s per port
Controller	Broadcom® BCM57416	Broadcom® BCM57414	2 x Intel® X550-AT2	Intel® X550-AT2
Interface	PCIe x8 (Gen3 x8)	PCIe x8 (Gen3 x8)	PCIe x8 (Gen3 x8)	PCIe x4 (Gen3 x4)
Form Factor	MD2 Low-profile 68.9 x 131 mm	MD2 Low-profile 68.9 x 130 mm	Half-length 68.9 x 168 mm	Half-length 68.9 x 131 mm

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

Ring Topology Kit

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

Service / Support

Multi-level, multilingual telephone & online technical support

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.
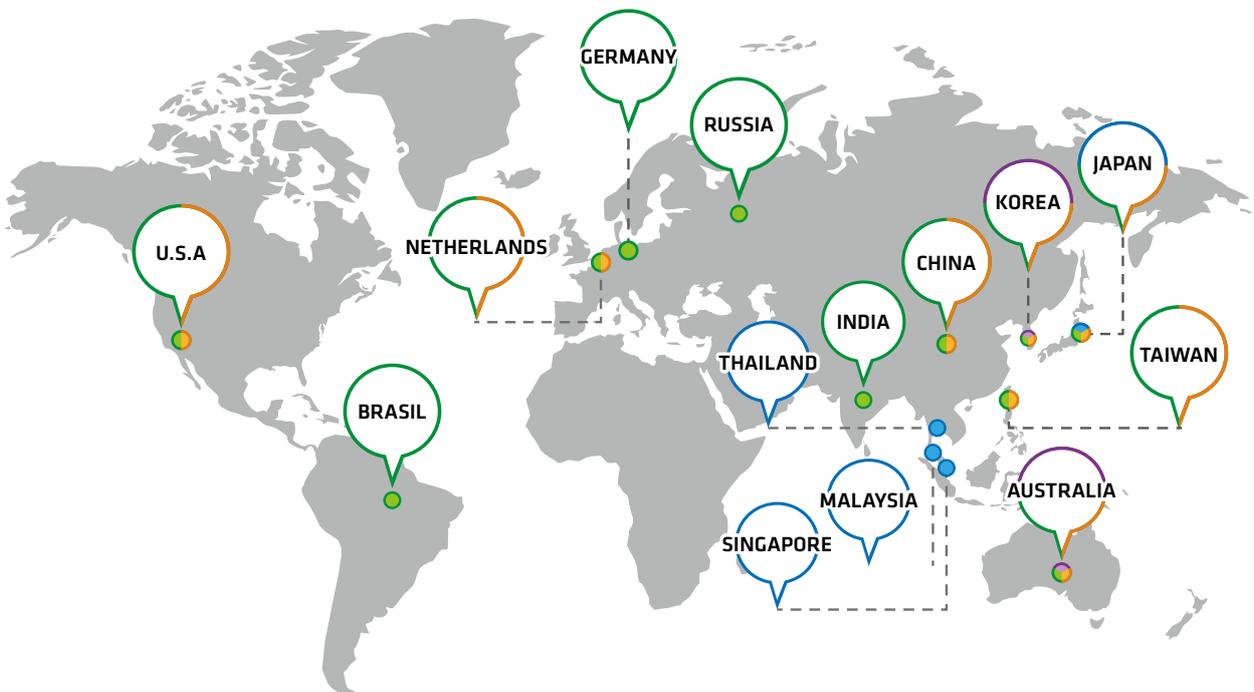
Logistics Hub

Authorized Partner Repair Center / Field Service
*Optional per sales condition / agreement

RMA / Repair Center

Conditional Service
*Check with sales team for detail

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