ASRock Rack

NEW HEIGHT OF AI COMPUTING

Performance-optimized GPU Server Solutions

GPU Barebones



Q3, 2026

NVIDIA-Qualified

A server that has been qualified for a particular NVIDIA GPU has undergone thermal, mechanical, power, and signal integrity qualification to ensure that the GPU is fully functional in that server design. Servers in qualified configurations are supported for production use.

Card Model	Server Model	PCIe Speed	Processor Type
NVIDIA HGX™ B300 8-GPU	8U16X-GNR2 B300	PCIe Gen5	Intel® Xeon® 6
	8U16X-TURIN2 B300	PCIe Gen5	AMD EPYC™ 9005
NVIDIA RTX PRO™ 6000 Blackwell Server Edition	4U10G-GNR2/RF	PCIe Gen5	Intel® Xeon® 6
	4U10G-GNR2/RF+	PCIe Gen5	Intel® Xeon® 6
	4U10G-TURIN2/RF	PCIe Gen5	AMD EPYC™ 9005
	4U10G-TURIN2/RF+	PCIe Gen5	AMD EPYC™ 9005
	4U8G-GNR2/RF	PCIe Gen5	Intel® Xeon® 6
	4U8G-GNR2/RF+	PCIe Gen5	Intel® Xeon® 6
	4U8G-TURIN2/RF	PCIe Gen5	AMD EPYC™ 9005
	4U8G-TURIN2/RF+	PCIe Gen5	AMD EPYC™ 9005
	4UXGM-GNR2	PCIe Gen5	Intel® Xeon® 6
	4UXGM-GNR2 CX8	PCIe Gen5	Intel® Xeon® 6
	4UXGM-GNR2 DIRECT	PCIe Gen5	Intel® Xeon® 6
	4UXGM-TURIN2	PCIe Gen5	AMD EPYC™ 9005
	4UXGM-TURIN2 CX8	PCIe Gen5	AMD EPYC™ 9005
NVIDIA HGX™ B200 8-GPU	4U8X-EGS2/DLC SYN B200	PCIe Gen5	5th Gen Intel® Xeon® Scalable
	8U8X-EGS2 SYN B200	PCIe Gen5	5th Gen Intel® Xeon® Scalable
NVIDIA H200 NVL	4U10G-GNR2/RF	PCIe Gen5	Intel® Xeon® 6
	4U10G-GNR2/RF+	PCIe Gen5	Intel® Xeon® 6
	4U10G-TURIN2/RF	PCIe Gen5	AMD EPYC™ 9005
	4U10G-TURIN2/RF+	PCIe Gen5	AMD EPYC™ 9005
	4U8G-GNR2/RF	PCIe Gen5	Intel® Xeon® 6
	4U8G-GNR2/RF+	PCIe Gen5	Intel® Xeon® 6
	4U8G-TURIN2/RF	PCIe Gen5	AMD EPYC™ 9005
	4U8G-TURIN2/RF+	PCIe Gen5	AMD EPYC™ 9005
	4UXGM-GNR2	PCIe Gen5	Intel® Xeon® 6
	4UXGM-GNR2 CX8	PCIe Gen5	Intel® Xeon® 6
	4UXGM-GNR2 DIRECT	PCIe Gen5	Intel® Xeon® 6
	4UXGM-TURIN2	PCIe Gen5	AMD EPYC™ 9005
	4UXGM-TURIN2 CX8	PCIe Gen5	AMD EPYC™ 9005
	4UXGM-TURIN2 DIRECT	PCIe Gen5	AMD EPYC™ 9005
NVIDIA HGX™ H200 8-GPU	6U8X-EGS2 H200	PCIe Gen5	5th Gen Intel® Xeon® Scalable
	6U8X-EGS2/ZC SYN H200	PCIe Gen5	5th Gen Intel® Xeon® Scalable
	6U8X-TURIN2 H200	PCIe Gen5	AMD EPYC™ 9005
	6U8X-TURIN2 SYN H200	PCIe Gen5	AMD EPYC™ 9005
NVIDIA L40S	2U4G-GENOA/M3	PCIe Gen4	AMD EPYC™ 9004
	4U10G-EGS2	PCIe Gen4	5th Gen Intel® Xeon® Scalable
	4U10G-GENOA2	PCIe Gen5	AMD EPYC™ 9004
	4U10G-GENOA2	PCIe Gen4	AMD EPYC™ 9004
	4U8G-EGS2	PCIe Gen4	4th Gen Intel® Xeon® Scalable
	4U8G-GENOA2	PCIe Gen4	AMD EPYC™ 9004
	4UXGM-GNR2	PCIe Gen5	Intel® Xeon® 6
	4UXGM-GNR2 DIRECT	PCIe Gen5	Intel® Xeon® 6
	4UXGM-TURIN2	PCIe Gen5	AMD EPYC™ 9005
	4UXGM-TURIN2 DIRECT	PCIe Gen5	AMD EPYC™ 9005

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2U16X-GNR2/DLC RUBIN







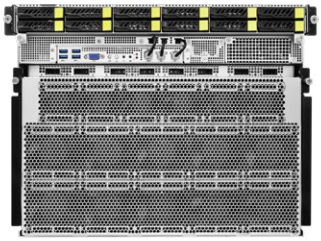
Application

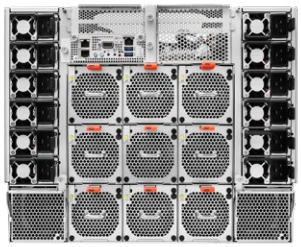
- Agentic AI
- Mixture-of-Experts
- HPC

		2U16X-GNR2/DLC RUBIN
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
GPU	Supported GPU	NVIDIA HGX™ Rubin NVL8
PCIe Switch	PCIe Switch	NVIDIA® ConnectX®-9
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor Chassis Dimension	2U Rackmount 800 x 448 x 87 mm (31.5" x 17.6" x 3.4")
Front Panel	Buttons I/O	Power button w/ LED, UID button w/ LED, BMC Reset button 1 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI 1 Type-A (USB3.2 Gen1) 1 Micro USB Debug Port 1 Mini-DisplayPort
Expansion Slots	Rear	1 FHHL PCIe6.0 x16
Drive Bay / Storage	External Internal	8 hot-swap E1.S NVMe (PCIe6.0 x4) drive bays 2 M-key (PCIe5.0 x4), support 2280 form factor
Networking	OSFP	8 OSFP (800Gb/s) ports via NVIDIA® ConnectX®-9
Power Supply	Module	54V DC Busbar
System Cooling	Liquid Cool	Direct-to-chip single-phase liquid cooling
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

8U16X-GNR2 B300







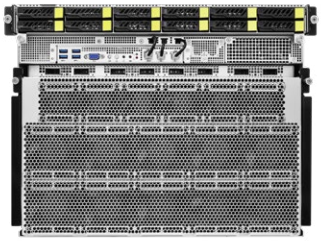
Application

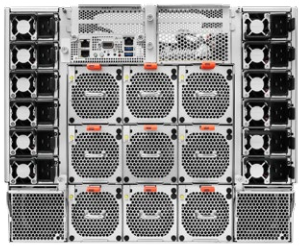
- Generative AI and Virtual Assistants
- Hyperscale AI Research
- Large Scale AI Training

		8U16X-GNR2 B300
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
GPU	Supported GPU	NVIDIA HGX™ B300 NVL8
PCIe Switch	PCIe Switch	PEX89144
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor Chassis Dimension	8U Rackmount 930 x 448 x 353.6 mm (36.6" x 17.6" x 13.9")
Front Panel	Buttons LEDs I/O	Power button w/ LED, Reset button, NMI button, UID button w/ LED System fault LED, HDD activity LED 2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45 Others	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel 1 UID button w/ LED, 1 DB15 (VGA), 1 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	4 FHHL PCIe5.0 x16
Drive Bay / Storage	External Internal	12 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe Switch 1 M-key (PCIe5.0 x2); supports 22110/2280 form factor [CPU0] 2 M-key (PCIe5.0 x4); support 22110/2280 form factor [CPU1]
Networking	OSFP	8 OSFP (800Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	6+6, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	26 PWM 80x80 mm fans, 6 PWM 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

8U16X-TURIN2 B300





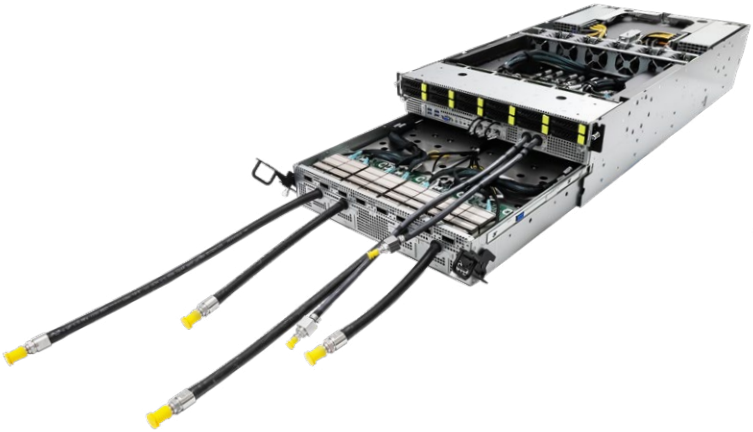


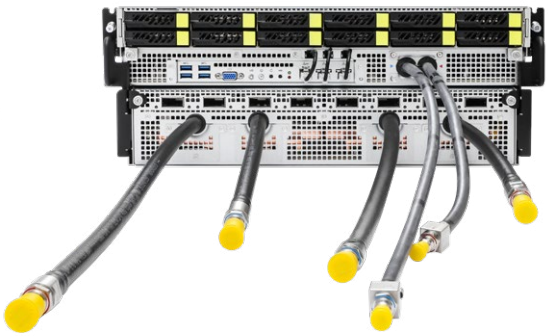
Application

- HPC
- Inference and Scientific Research
- Hyperscale AI Research

		8U16X-TURIN2 B300
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
DIMM	Slot	12+12 DIMM Slots (1DPC)
System Physical Status	Form Factor	8U Rackmount
	Chassis Dimension	930 x 448 x 353.6 mm (36.6" x 17.6" x 13.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shared with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel
	Others	1 Power button w/ LED, 1 Reset button, 1 NMI button, 1 HDD activity LED, 1 System fault LED 2 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Expansion Slots	Rear	4 FHHL PCIe5.0 x16 [PCIe switch]
Drive Bay / Storage	External	12 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [PCIe switch]
	Internal	M2_1 (PCIe3.0 x2 or SATA 6Gb/s); supports 22110/2280 form factor [CPU0] M2_2 (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU1]
Networking	OSFP	8 OSFP (800Gb/s) via NVIDIA® ConnectX®-8 SuperNIC
Power Supply	Module	6+6, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	26 PWM 80x80 mm fans, 6 PWM 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4U16X-GNR2/DLC B300







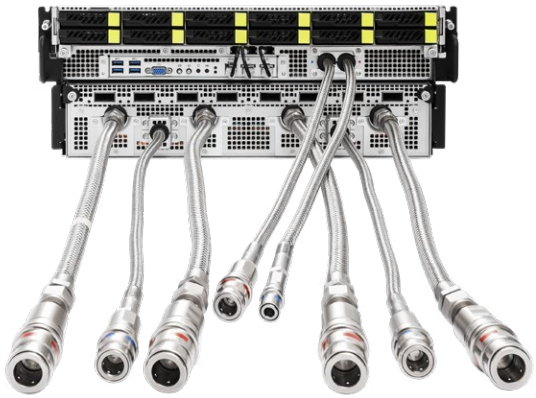
Application

- AI Training and Inference
- LLM Training
- High Performance Computing

		4U16X-GNR2/DLC B300
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
GPU	Supported GPU	NVIDIA HGX™ B300 NVL8
PCIe Switch	PCIe Switch	PEX89104
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	900 x 448 x 175 mm (35.4" x 17.6" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350-AM2, shares with front panel 1 dedicated IPMI, shares with front panel
	Others	1 UID button w/ LED, 2 Type-A (USB3.2 Gen1), 1 Power button w/ LED
Expansion Slots	Rear	2 FHHL PCIe5.0 x16 from PCIe Switch
Drive Bay / Storage	External	10 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [PCIe Switch] 2 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [CPU1]
	Internal	1 M-key (PCIe5.0 x2); supports 22110/2280 form factor [CPU0]
Networking	OSFP	8 OSFP (800Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	5+5, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	2 PWM 80x80 mm fans, 8 PWM 60x56 mm fans
	Liquid Cool	Direct-to-chip single phase liquid cooling
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4U16X-GNR2/ZC B300





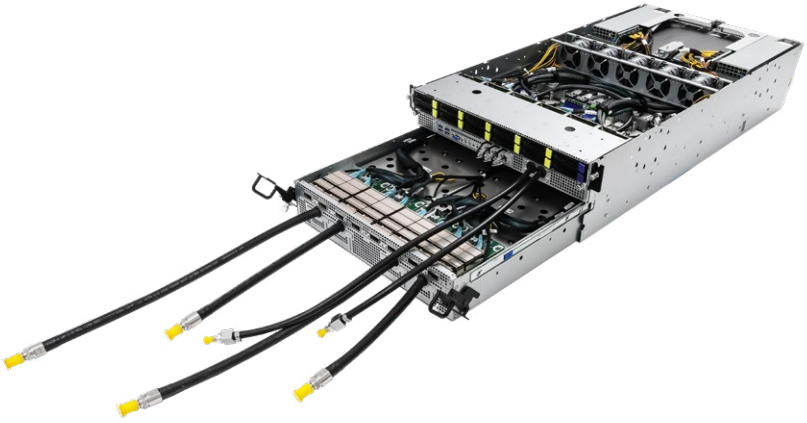


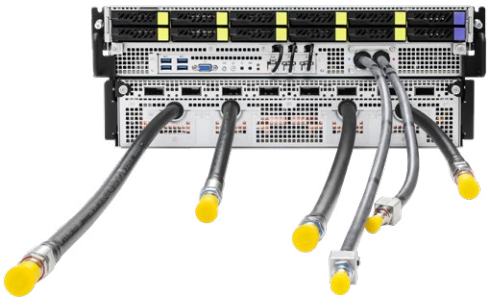
Application

- AI Training and Inference
- LLM Training
- High Performance Computing

		4U16X-GNR2/ZC B300
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
GPU	Supported GPU	NVIDIA HGX™ B300 NVL8
PCIe Switch	PCIe Switch	PEX89104
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	900 x 448 x 175 mm (35.4" x 17.6" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350-AM2, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350-AM2, shares with front panel 1 dedicated IPMI, shares with front panel
	Others	Power button w/ LED, UID button w/ LED, 2 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	2 FHHL PCIe5.0 x16 from PCIe Switch
Drive Bay / Storage	External	10 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [PCIe Switch] 2 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [CPU1]
	Internal	1 M-key (PCIe5.0 x2); supports 22110/2280 form factor [CPU0]
Networking	OSFP	8 OSFP (800Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	5+5, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	2 PWM 80x80mm fans, 8 PWM 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4U16X-TURIN2/DLC B300







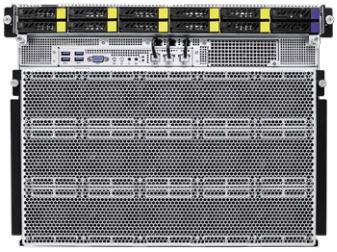
Application

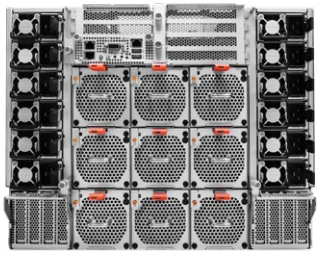
- AI Training and Inference
- LLM Training
- High Performance Computing

		4U16X-TURIN2/DLC B300
CPU	Socket	1+1 Socket SP5 (LGA6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
GPU	Supported GPU	NVIDIA HGX™ B300 NVL8
PCIe Switch	PCIe Switch	PEX89104
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	900 x 448 x 175 mm (35.4" x 17.6" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350-AM2, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350-AM2, shares with front panel 1 dedicated IPMI, shares with front panel
	Others	Power button w/ LED, UID button w/ LED, 2 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	2 FHHL PCIe5.0 x16 from PCIe Switch
Drive Bay / Storage	External	10 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [PCIe Switch]
	Internal	1 M-key (PCIe3.0 x2); supports 22110 form factor [CPU0] 1 M-key (PCIe3.0 x4); supports 22110 form factor [CPU1]
Networking	OSFP	8 OSFP (800Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	5+5, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	2 PWM 80x80mm fans, 8 PWM 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

8U8X-GNR2 SYN B200







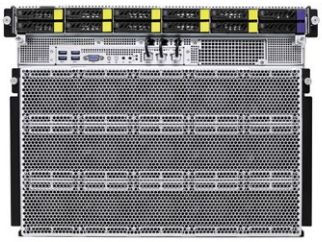
Application

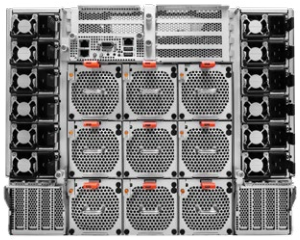
- Generative AI and Virtual Assistants
- Large Language Models
- AI Training and Inference

		8U8X-GNR2 SYN B200
CPU	Socket	1+1 Socket E2 (LGA 4710); Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
GPU	Supported GPU	Supports eight NVIDIA B200 GPUs
PCIe Switch	PCIe Switch	PEX89104
	Operation Mode	Synthetic mode for optimized performance of GPU-to-CPU, GPUDirect RDMA NIC, and GPUDirect Storage
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports: RDIMM up to 128GB each RDIMM-3DS up to 256GB each RDIMM, RDIMM-3DS, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB each, max 8000MT/s (1DPC only)
System Physical Status	Form Factor	8U Rackmount
	Chassis Dimension	930 x 448 x 353.6mm (36.6'' x 17.6'' x 13.9'')
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with Rear IO 1 dedicated IPMI, shares with Rear IO 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear IO	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with Front Panel 1 dedicated IPMI, shares with Front Panel
	Others	Power button w/ LED, Reset button, NMI button, UID button w/ LED, System fault LED, HDD activity LED, 1 DB15 (VGA), 2 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	2 FHHL PCIe5.0 x16
Drive Bay / Storage	External	8 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe Switch 2 Hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from CPU1
	Internal	1 M-key (PCIe5.0 x2), supports 22110/2280 form factor [CPU0]
Power Supply	Module	6+6, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	29 PWM 80x80 mm fans + 4 PWM 40x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

8U8X-EGS2 SYN B200







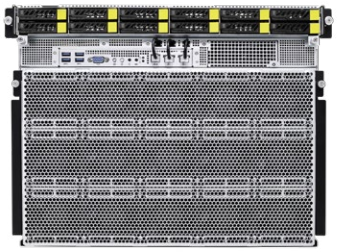
Application

- Generative AI and Virtual Assistants
- Large Language Models
- AI Training and Inference

		8U8X-EGS2 SYN B200
CPU	Socket	1+1 Socket E (LGA 4677); supports 5th and 4th Gen Intel® Xeon® Scalable processors
GPU	Supported GPU	Supports eight NVIDIA B200 GPUs
PCIe Switch	PCIe Switch	PEX89104
	Operation Mode	Synthetic mode for optimized performance of GPU-to-CPU, GPUDirect RDMA NIC, and GPUDirect Storage
DIMM	Slot	16+16 DDR5 288-pin DIMM Slots (2DPC); supports RDIMM up to 64GB each, RDIMM-3DS up to 256GB each max. 5600MT/s (1DPC) / 4400MT/s (2DPC) on 5th Gen Intel® Xeon® Scalable processors max. 4800MT/s (1DPC) / 4400MT/s (2DPC) on 4th Gen Intel® Xeon® Scalable processors
System Physical Status	Form Factor	8U Rackmount
	Chassis Dimension	930 x 448 x 353.6 mm (36.6" x 17.6" x 13.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel
	Others	1 UID button w/ LED, 1 DB15 (VGA), 2 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	8 HHHL PCIe5.0 x16 2 FHHL PCIe5.0 x16
Drive Bay / Storage	External	8 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays [PCIe switch] 2 hot-swap 2.5" NVMe (PCIe5.0 x4) [CPU] / SATA [PCH] drive bays 2 hot-swap 2.5" SATA drive bays [PCH]
	Internal	1 M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 2280/22110 form factor [PCH] 1 M-key (PCIe3.0 x4), supports 2280/22110 form factor [PCH]
Power Supply	Module	6+6, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	29 PWM 80x80 mm fans, 4 PWM 40x40 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

8U8X-TURIN2 SYN B200







Application

- Generative AI and Virtual Assistants
- Large Language Models
- AI Training and Inference

		8U8X-TURIN2 SYN B200
CPU	Socket	1+1 Socket SP5 (LGA6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
GPU	Supported GPU	Supports eight NVIDIA B200 GPUs
PCIe Switch	PCIe Switch	PEX89104
	Operation Mode	Synthetic mode for optimized performance of GPU-to-CPU, GPUDirect RDMA NIC, and GPUDirect Storage
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	8U Rackmount
	Chassis Dimension	930 x 448 x 353.6 mm (36.6" x 17.6" x 13.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel
	Others	1 UID button w/ LED, 1 DB15 (VGA), 1 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	8 HHHL PCIe5.0 x16 1 FHHL PCIe5.0 x16
Drive Bay / Storage	External	8 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe Switch 4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from CPU
	Internal	1 M-key (PCIe3.0 x2 or SATA 6Gb/s); supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU1]
Power Supply	Module	6+6, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	29 PWM 80x80 mm fans, 4 PWM 40x40 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4U8X-EGS2/DLC SYN B200





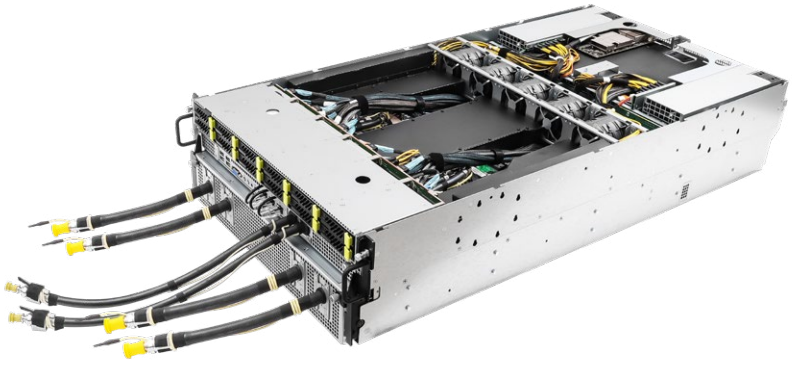


Application

- AI Real-time Inference
- Large Language Models
- Mixture-of-Experts Models

		4U8X-EGS2/DLC SYN B200
CPU	Socket	1+1 Socket E (LGA 4677); supports 5th and 4th Gen Intel® Xeon® Scalable processors
GPU	Supported GPU	Supports eight NVIDIA B200 GPUs
PCIe Switch	PCIe Switch	PEX89104
	Operation Mode	Synthetic mode for optimized performance of GPU-to-CPU, GPUDirect RDMA NIC, and GPUDirect Storage
DIMM	Slot	16+16 DDR5 288-pin DIMM Slots (2DPC); supports RDIMM up to 64GB each, RDIMM-3DS up to 256GB each 5600MT/s (1DPC) / 4400MT/s (2DPC) on 5th Gen Intel® Xeon® Scalable processors 4800MT/s (1DPC) / 4400MT/s (2DPC) on 4th Gen Intel® Xeon® Scalable processors
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	870 x 446 x 175 mm (34.3" x 17.6" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, share with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, share with front panel 1 dedicated IPMI, shares with front panel
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 UID button w/ LED, 1 Power button w/ LED
Expansion Slots	Rear	8 FHHL PCIe5.0 x16 from PCIe Switch 2 FHHL PCIe5.0 x16 from CPU
Drive Bay / Storage	External	8 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe Switch 2 hot-swap 2.5" NVMe (PCIe5.0 x4)/SATA drive bays from CPU 2 hot-swap 2.5" SATA drive bays [PCH]
	Internal	1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 2280/22110 form factor [PCH] 1 M-key (PCIe3.0 x4); supports 2280/22110 form factor [PCH]
Power Supply	Module	4+4, 80-Plus Titanium, 3000W CRPS
System Cooling	Fan	10 PWM 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4U8X-TURIN2/DLC SYN B200





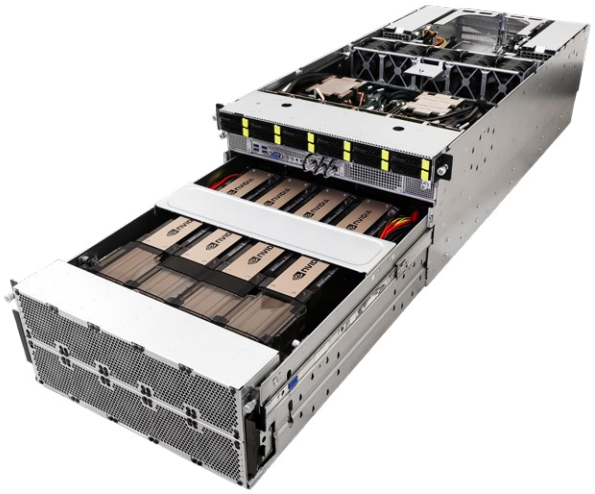


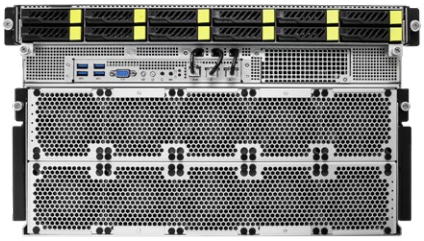
Application

- AI Real-time Inference
- Large Language Models
- Mixture-of-Experts Models

		4U8X-TURIN2/DLC SYN B200
CPU	Socket	1+1 Socket SP5 (LGA6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
GPU	Supported GPU	Supports eight NVIDIA B200 GPUs
PCIe Switch	PCIe Switch	PEX89104
	Operation Mode	Synthetic mode for optimized performance of GPU-to-CPU, GPUDirect RDMA NIC, and GPUDirect Storage
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	900 x 448 x 175 mm (35.4" x 17.6" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel UID button, 1 DB15 (VGA), 2 Type-A (USB3.2 Gen1)
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 DB15 (VGA), 1 UID button w/ LED
Expansion Slots	Rear	8 FHHL PCIe5.0 x16 from PCIe Switch 1 FHHL PCIe5.0 x16 from CPU
Drive Bay / Storage	External	8 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe Switch 4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from CPU
	Internal	1 M-key (PCIe3.0 x2 or SATA 6Gb/s); supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU1]
Power Supply	Module	4+4, 80-Plus Titanium, 3000W CRPS
System Cooling	Fan	10 PWM 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

6U8X-TURIN2 SYN H200







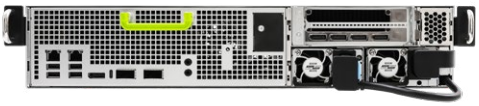
Application

- Generative AI and Virtual Assistants
- Large Language Models
- AI Training and Inference

		6U8X-TURIN2 SYN H200
CPU	Socket	1+1 Socket SP5 (LGA6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
GPU	Supported GPU	Supports eight NVIDIA H200 GPUs
PCIe Switch	PCIe Switch	PEX89104
	Operation Mode	Synthetic mode for optimized performance of GPU-to-CPU, GPUDirect RDMA NIC, and GPUDirect Storage
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	6U Rackmount
	Chassis Dimension	930 x 448 x 264.7 mm (36.6" x 17.6" x 10.4")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED
	I/O	2 RJ45 (1GbE) by Intel® i350, share with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, share with front panel 1 dedicated IPMI, shares with front panel
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 DB15 (VGA), Power button w/ LED, Reset button, NMI button, UID button w/ LED, System fault LED, HDD activity LED
Expansion Slots	Rear	8 HHHL PCIe5.0 x16 2 FHHL PCIe5.0 x16
Drive Bay / Storage	External	8 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from PCIe Switch 4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays from CPU
	Internal	1 M-key (PCIe3.0 x2 or SATA 6Gb/s), supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280 form factor [CPU1]
Power Supply	Module	4+4, 80-PLUS Titanium, 3000W CRPS
System Cooling	Fan	21 PWM 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

2UXGI-THOR







Application

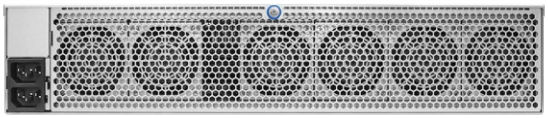
- Real-Time Generative AI
- Edge AI
- Medical Robotics

		2UXGI-THOR
Processor System	NVIDIA Module	NVIDIA IGX™ T7000
	iGPU	2,560-core NVIDIA Blackwell architecture GPU with 96 fifth-generation Tensor Cores
	CPU	14-core Arm Neoverse-V3AE 64-bit CPU
System Physical Status	Form Factor	2U short-depth NVIDIA MGX™
	Chassis Dimension	420 x 438 x 87 mm (16.5" x 17.2" x 3.4")
Front Panel	Buttons	Power button
	I/O	4 USB Type-A (USB3.2 Gen2) 1 USB Type-C (USB3.2 Gen2) 2 Audio Jacks (Line-out, Mic-in) 1 DisplayPort 1.4a
	QSFP112	2 QSFP112 (up to 200GbE) by on-board NVIDIA® ConnectX®-7
	RJ45	2 RJ45 (1GbE) by NVIDIA IGX Thor™ SoC (1 shared with IPMI)
Expansion Slots	PCIe x16	1 FHFL dual-slot PCIe5.0 x16 w/ NVIDIA RTX PRO™ 6000 Blackwell Max-Q Workstation Edition or NVIDIA RTX PRO™ 5000 Blackwell
Drive Bay / Storage	Internal	1 M-key (PCIe5.0 x2); supports 2280 form factor
Power Supply	Module	1+1 hot-swap, 80-PLUS Platinum, 800W CRPS
System Cooling	Fan	2 PWM fixed 60x25 mm fans 2 PWM fixed 60x10 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

MECAI-GH200





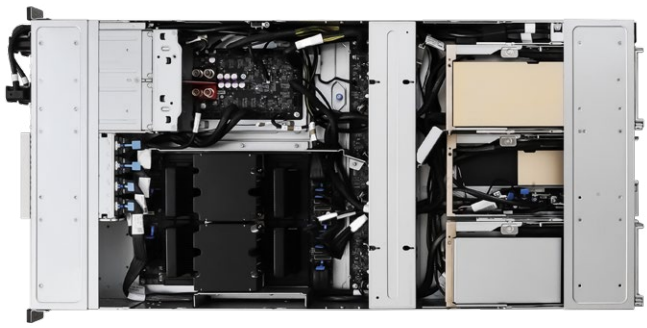


Application

- AI Training and Inference
- Large Language Models
- Generative AI

		MECAI-GH200
Processor System	CPU	NVIDIA GH200 Grace Hopper™ Superchip: 1x NVIDIA Grace™ CPU 1x NVIDIA Hopper™ H100 GPU NVIDIA® NVLink®-C2C for CPU-GPU interconnect
System Physical Status	Form Factor	2U NVIDIA MGX™
	Chassis Dimension	420 x 438 x 87 mm (16.5" x 17.2" x 3.4")
Front Panel	Buttons	Reset button, UID button w/ LED, Power button w/ LED
	I/O	1 Mini DisplayPort (VGA) 1 Micro USB (COM) 1 Type-A (USB3.2 Gen1) 1 dedicated IPMI
Rear I/O	RJ45	1 dedicated IPMI
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 DB15 (VGA), 1 UID button w/ LED
Expansion Slots	PCIe x16	1 HHHL single-slot PCIe5.0 x16 for NVIDIA® ConnectX®-7 NICs 1 FHHL dual-slot PCIe5.0 x16 for NVIDIA BlueField®-3 DPUs
Drive Bay / Storage	External	2 E1.S (PCIe5.0 x4)
	Internal	2 M-key (PCIe5.0 x4), supports 22110/2280 form factor
Power Supply	Module	1+1, 80-PLUS Platinum, 2000W CRPS
System Cooling	Fan	6 PWM hot-swap 60x76 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

2UXGM-VERA2





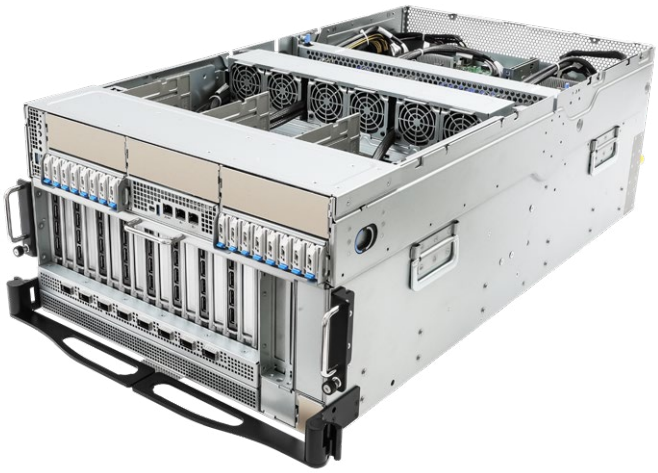


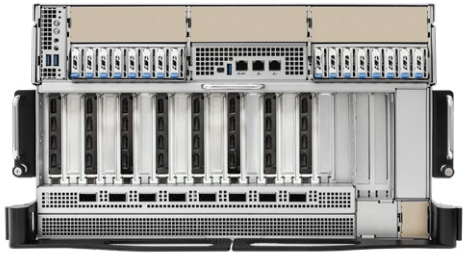
Application

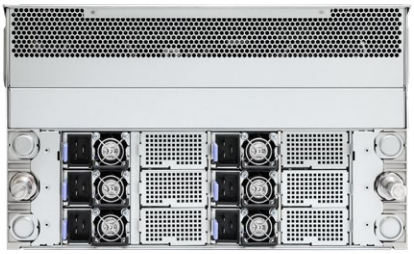
- Agentic AI
- Reinforcement Learning
- Data Processing and Analytics
- HPC

		2UXGM-VERA2
CPU	Socket TDP	1+1 NVIDIA Vera CPUs with NVIDIA NVLink™-C2C Up to 450W
DIMM	Slot	8+8 SOCAMM2
System Physical Status	Form Factor Chassis Dimension	2U Rackmount, NVIDIA MGX 2U Compliant 900 x 438 x 87 mm (35.4" x 17.2" x 3.4")
Rear I/O	RJ45 USB Others	1 dedicated IPMI 1 Type-C (USB3.2 Gen1, DisplayPort 1.1a) Power button w/ LED, UID button w/ LED, Reset button 1 USB Type-C Debug Port
Expansion Slots	Rear	2 FHFL dual-slot PCIe6.0 x16 for GPUs 1 FHHL PCIe6.0 x16 for NVIDIA® BlueField®-3 DPU 2 HHHL PCIe6.0 x16 for NVIDIA ConnectX®-8
Drive Bay / Storage	External	8 hot-swap E1.S (PCIe6.0 x4) drive bays
Power Supply	Module	3+1, 80-PLUS Titanium, 2000W CRPS
System Cooling	Fan	6 easy-swap 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM 2.0 RoT

6UXGM-GNR2 CX8/DLC







Application

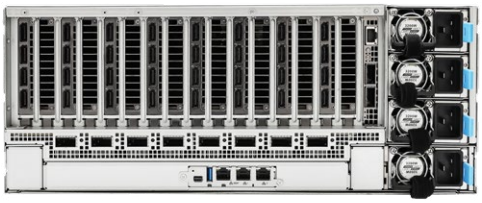
- AI Training and Inference
- HPC
- Inference and Scientific Research

		6UXGM-GNR2 CX8/DLC
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
	TDP	Up to 350W
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor	6U NVIDIA MGX™
	Chassis Dimension	800 x 438 x 264 mm (31.5" x 17.2" x 10.4" w/o ear or handle)
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	3 Type-A (USB 3.2 Gen1) 1 dedicated IPMI 1 Mini-DisplayPort
Expansion Slots	Front	8 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe5.0 x16
Ethernet	Additional Ethernet Controller	Intel® i350: 2 RJ45 (1GbE)
Drive Bay / Storage	External	16 hot-swap E1.S (PCIe5.0 x4) drive bays, supports 9.5 mm / 15 mm width
	Internal	1 M-key (PCIe5.0 x4); supports 2280 form factor [CPU0] 1 M-key (PCIe5.0 x2); supports 2280 form factor [CPU0]
Networking	OSFP	8 QSFP112 (400Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	3+3, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	6 hot-swap 60x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4UXGM-GNR2 CX8







Application

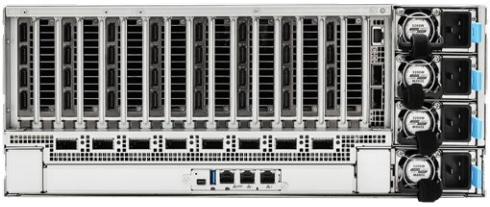
- Agentic AI
- AI Fine-Tuning and Inference
- RAG

		4UXGM-GNR2 CX8
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
	TDP	Up to 350W
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor	4U Rackmount, NVIDIA MGX™ 4U Compliant
	Chassis Dimension	800 x 438 x 176.5 mm (31.5" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350 1 dedicated IPMI
	Others	UID button, Reset button, Power button 1 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort
Expansion Slots	Rear	8 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe5.0 x16
Drive Bay / Storage	External	16 hot-swap E1.S (PCIe5.0 x4) drive bays, supports 9.5mm/15mm width
	Internal	1 M-key (PCIe5.0 x4); supports 2280 form factor [CPU0] 1 M-key (PCIe5.0 x2); supports 2280 form factor [CPU0]
Networking	OSFP	8 QSFP112 (400Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	10 hot-swap 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4UXGM-TURIN2 CX8







Application

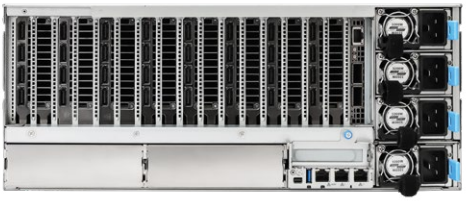
- Agentic AI
- AI Fine-Tuning and Inference
- RAG

		4UXGM-TURIN2 CX8
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	4U Rackmount, NVIDIA MGX™ 4U Compliant
	Chassis Dimension	800 x 438 x 176.5 mm (31.5" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350 1 dedicated IPMI
	Others	UID button, Power button, 1 System fault LED 1 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort (VGA)
Expansion Slots	Rear	8 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe5.0 x16
Drive Bay / Storage	External	16 hot-swap E1.S (PCIe5.0 x4) drive bays, supports 9.5mm/15mm width
	Internal	1 M-key (PCIe3.0 x4); supports 2280 form factor [CPU0] 1 M-key (PCIe3.0 x4); supports 2280 form factor [CPU1]
Networking	OSFP	8 QSFP112 (400Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	10 hot-swap 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4UXGM-GNR2 DIRECT







Application

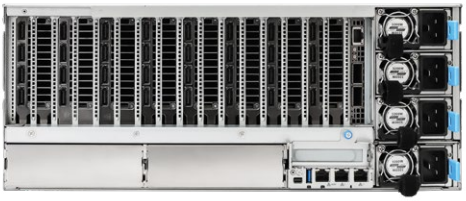
- AI Inference
- Scientific Computing
- Digital Twin

		4UXGM-GNR2 DIRECT
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
	TDP	Up to 350W
DIMM	Slot	16+16 DIMM slots (2DPC)
System Physical Status	Form Factor	4U Rackmount, NVIDIA MGX™ 4U Compliant
	Chassis Dimension	800 x 438 x 176.5 mm (31.5" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350 1 dedicated IPMI
	Others	1 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort (VGA)
Expansion Slots	Rear	8 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe5.0 x16
Drive Bay / Storage	External	4 hot-swap E1.S (PCIe5.0 x4) drive bays
	Internal	1 M-key (PCIe5.0 x4), supports 2280 form factor [CPU0] 1 M-key (PCIe5.0 x2), supports 2280 form factor [CPU0]
Networking	OSFP	8 QSFP112 (400Gb/s) ports via NVIDIA® ConnectX®-8
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	10 hot-swap 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4UXGM-TURIN2 DIRECT







Application

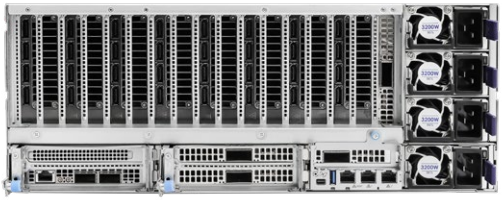
- AI Inference
- Scientific Computing
- Digital Twin

		4UXGM-TURIN2 DIRECT
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
DIMM	Slot	12+12 DIMM slots (1DPC)
System Physical Status	Form Factor	4U Rackmount, NVIDIA MGX™ 4U Compliant
	Chassis Dimension	800 x 438 x 176.5 mm (31.5" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350 1 dedicated IPMI
	Others	1 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort (VGA)
Expansion Slots	Rear	8 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe5.0 x16
Drive Bay / Storage	External	4 hot-swap E1.S (PCIe5.0 x4) drive bays
	Internal	1 M-key (PCIe3.0 x4), supports 2280 form factor [CPU0] 1 M-key (PCIe3.0 x4), supports 2280 form factor [CPU1]
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	10 hot-swap 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4UXGM-GNR2







Application

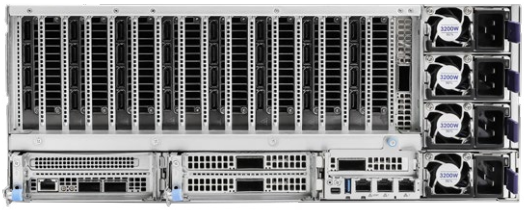
- AI Inference
- Visual Computing
- Scientific Computing

		4UXGM-GNR2
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
	TDP	Up to 350W
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)
System Physical Status	Form Factor	4U Rackmount, NVIDIA MGX™ 4U Compliant
	Chassis Dimension	800 x 438 x 176.5 mm (31.5" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350 1 dedicated IPMI
	Others	UID button, Reset button, Power button 1 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort
Expansion Slots	Rear	8 FHFL dual-slot PCIe5.0 x16 5 FHHL PCIe5.0 x16 1 HHHL PCIe5.0 x16
Drive Bay / Storage	External	16 hot-swap E1.S (PCIe5.0 x4) drive bays, supports 9.5mm/15mm width
	Internal	1 M-key (PCIe5.0 x4); supports 2280 form factor [CPU0] 1 M-key (PCIe5.0 x2); supports 2280 form factor [CPU0]
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	10 hot-swap 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4UXGM-TURIN2







Application

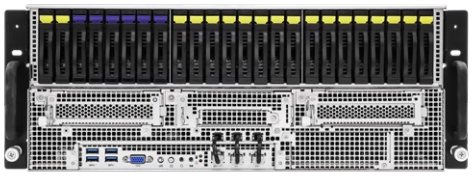
- AI Inference
- Visual Computing
- Scientific Computing

		4UXGM-TURIN2
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 500W
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	4U Rackmount, NVIDIA MGX™ 4U Compliant
	Chassis Dimension	800 x 438 x 176.5 mm (31.5" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED
	LEDs	System fault LED, HDD activity LED, LAN1/LAN2 activity LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350 1 dedicated IPMI
	Others	UID button, Reset button, Power button, 1 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort
Expansion Slots	Rear	8 FHFL dual-slot PCIe5.0 x16 5 FHHL PCIe5.0 x16 1 HHHL PCIe5.0 x16
Drive Bay / Storage	External	16 hot-swap E1.S (PCIe5.0 x4) drive bays, supports 9.5mm/15mm width
	Internal	1 M-key (PCIe3.0 x4); supports 2280 form factor [CPU0] 1 M-key (PCIe3.0 x4); supports 2280 form factor [CPU1]
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS
System Cooling	Fan	10 hot-swap 80x80 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4U10G-GNR2

4U10G-GNR2/RF+







Application

- AI Real-time Inference
- Big Data Analytics
- Machine Learning

		4U10G-GNR2	4U10G-GNR2/RF+
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors	
	TDP	Up to 350W	
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)	
System Physical Status	Form Factor	4U Rackmount	
	Chassis Dimension	786 x 438 x 176.5 mm (30.9" x 17.2" x 6.9")	867 x 438 x 176.5 mm (34.1" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED	
	LEDs	System fault LED, HDD activity LED	
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)	
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel	
	Others	2 Type-A (USB3.2 Gen1), UID button w/ LED, 1 DB15 (VGA)	
Expansion Slots	Front	2 FHHL PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)	
	Rear	10 FHFL dual-slot PCIe5.0 x16 (with PEX89104 PCIe Switch) 1 FHFL single-slot PCIe5.0 x16 (CPU direct link)	
Drive Bay / Storage	External	18 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays 6 hot-swap 2.5" SATA/SAS Note1 drive bays	
	Internal	1 M-key (PCIe5.0 x4); supports 22110/2280 form factor [CPU0]	
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS	
System Cooling	Fan	5 middle hot-swap 80x80 mm fans (20400/18000 RPM)	5 middle + 5 rear hot-swap 80x80 mm fans (20400/18000 RPM)
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI) by optional accessory	

Note1: Additional RAID/HBA card required to support the 6x 2.5" SATA/SAS drive bays

4U10G-TURIN2

4U10G-TURIN2/RF+







Application

- AI Real-time Inference
- Big Data Analytics
- Machine Learning

		4U10G-TURIN2	4U10G-TURIN2/RF+
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors	
	TDP	Up to 500W	
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s	
System Physical Status	Form Factor	4U Rackmount	
	Chassis Dimension	786 x 438 x 176.5 mm (30.9" x 17.2" x 6.9")	867 x 438 x 176.5 mm (34.1" x 17.2" x 6.9")
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED	
	LEDs	System fault LED, HDD activity LED	
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 dedicated IPMI, shares with rear I/O 1 DB15 (VGA)	
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel	
	Others	2 Type-A (USB3.2 Gen1), UID button w/ LED, 1 DB15 (VGA)	
Expansion Slots	Front	2 FHHL PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)	
	Rear	10 FHFL dual-slot PCIe5.0 x16 (with PEX89104 PCIe Switch) 1 FHFL single-slot PCIe5.0 x16 (CPU direct link)	
Drive Bay / Storage	External	16 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays or 24 hot-swap 2.5" SATA/SAS Note1 drive bays	
	Internal	1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU1]	
Power Supply	Module	3+1, 80-PLUS Titanium, 3200W CRPS	
System Cooling	Fan	5 middle hot-swap 80x80 mm fans (20400/18000 RPM)	5 middle + 5 rear hot-swap 80x80 mm fans (20400/18000 RPM)
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI)	

Note1: Additional RAID/HBA card required to support the 24 x 2.5" SATA/SAS drive bays

4U8G-GENOA2

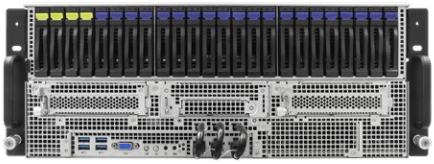
4U10G-GENOA2

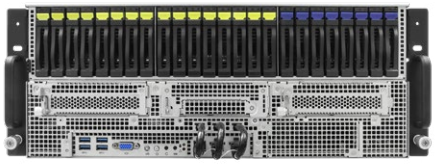




Application

- Deep Learning
- Big Data Analytics
- HPC
- Machine Learning







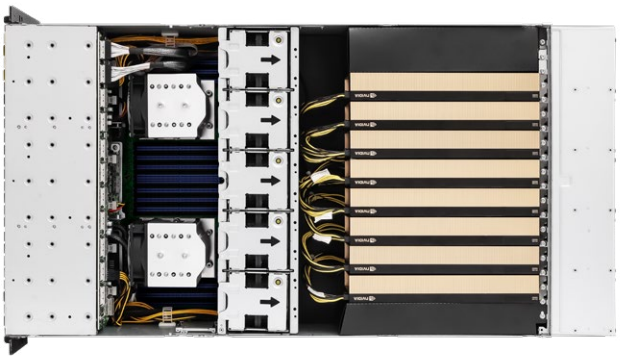


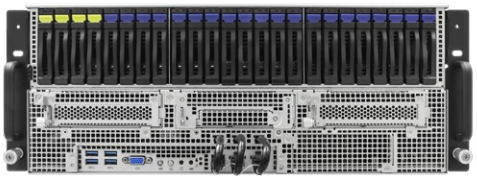
		4U8G-GENOA2	4U10G-GENOA2
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors	
	TDP	Up to 400W	
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 5200MT/s RDIMM-3DS up to 256GB each, max. 5200MT/s	
System Physical Status	Form Factor	4U Rackmount	
	Chassis Dimension	786 x 438 x 176.5 mm (30.9" x 17.24" x 6.95")	
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED	
	LEDs	System fault LED, HDD activity LED	
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)	
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel	
	Others	2 Type-A (USB3.2 Gen1), UID button w/ LED, 1 DB15 (VGA)	
Expansion Slots	Front	1 FHHL PCIe5.0 x8 1 OCP NIC 3.0 PCIe5.0 x8	2 FHHL PCIe5.0 x16 1 OCP NIC 3.0 PCIe5.0 x16
	Rear	8 FHFL dual-slot PCIe5.0 x16	10 FHFL dual-slot PCIe5.0 x16; 1 FHFL single-slot PCIe5.0 x16
Drive Bay / Storage	External	4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays or 24 hot-swap 2.5" SATA/SAS Note1 drive bays	16 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays or 24 hot-swap 2.5" SATA/SAS Note1 drive bays
	Internal	1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU1]	
Power Supply	Module	1+1, 80-PLUS Platinum, 1600W RPSU	3+1, 80-PLUS Platinum/Titanium, 2000W CRPS
System Cooling	Fan	5 middle hot-swap 80x80 mm fans	
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI) by optional accessory	

Note1: Additional RAID/HBA card required to support the 24 x 2.5" SATA/SAS drive bays

4U8G-GNR2

4U8G-GNR2/RF+ · 4U8G-GNR2/SUPER_4L







Application

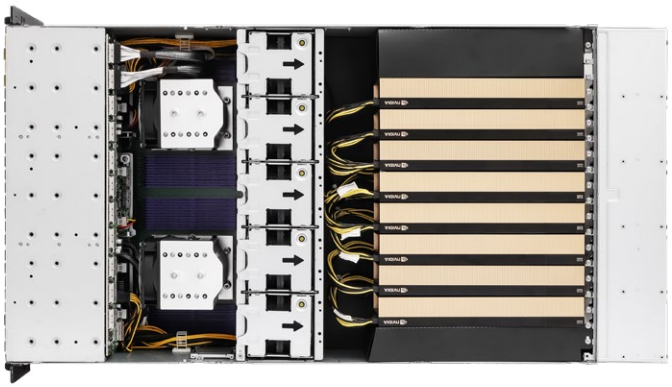
- Big Data Analytics
- Machine Learning
- LLM Inference

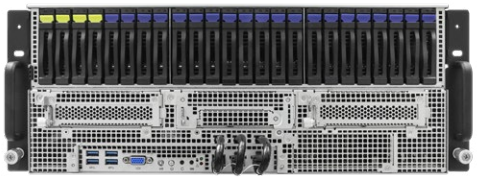
		4U8G-GNR2	4U8G-GNR2/RF+	4U8G-GNR2/SUPER_4L
CPU	Socket	1+1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors		
	TDP	Up to 350W		
DIMM	Slot	16+16 DDR5 DIMM Slots (2DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s (1DPC), 5200MT/s (2DPC) MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s (1DPC)		
System Physical Status	Form Factor	4U Rackmount		
	Chassis Dimension	786 x 438 x 176.5 mm (30.9" x 17.2" x 6.9")	867 x 438 x 176.5 mm (34.1" x 17.2" x 6.9")	
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED		
	LEDs	System fault LED, HDD activity LED		
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)		
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel		
	Others	2 Type-A (USB3.2 Gen1), UID button w/ LED, 1 DB15 (VGA)		
Expansion Slots	Front	1 FHHL PCIe5.0 x16 1 FHHL PCIe5.0 x8		N/A
	Rear	8 FHFL dual-slot PCIe5.0 x16		8 FHFL dual-slot PCIe5.0 x16 1 FHFL PCIe5.0 x16 1 FHFL PCIe5.0 x8
Drive Bay / Storage	External	4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays or 24 hot-swap 2.5" SATA/SAS Note1 drive bays		4 hot-swap 3.5"/2.5" NVMe (PCIe4.0 x4) / SATA/SAS Note2 drive bays
	Internal	1 M-key (PCIe5.0 x4); supports 22110/2280 form factor [CPU0]		
Power Supply	Module	3+1, 80-PLUS Titanium, 2700W CRPS		
System Cooling	Fan	5 middle hot-swap 80x80 mm fans (20400/18000 RPM)	5 middle + 5 rear hot-swap 80x80 mm fans (20400/18000 RPM)	
Management	BMC	ASPEED AST2600		
Security		TPM (13-pin, SPI) by optional accessory		

Note1: Additional RAID/HBA card required to support the 24 x 2.5" SATA/SAS drive bays
Note2: Additional RAID/HBA card required to support the 4x SATA/SAS drive bays

4U8G-TURIN2

4U8G-TURIN2/RF+ · 4U8G-TURIN2/SUPER_4L







Application

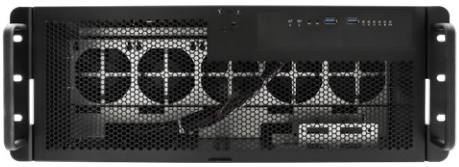
- Big Data Analytics
- Machine Learning
- LLM Inference

		4U8G-TURIN2	4U8G-TURIN2/RF+	4U8G-TURIN2/SUPER_4L
CPU	Socket	1+1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors		
	TDP	Up to 500W		
DIMM	Slot	12+12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s		
System Physical Status	Form Factor	4U Rackmount		
	Chassis Dimension	786 x 438 x 176.5 mm (30.9" x 17.2" x 6.9")	867 x 438 x 176.5 mm (34.1" x 17.2" x 6.9")	
Front Panel	Buttons	Power button w/ LED, Reset button, NMI button, UID button w/ LED		
	LEDs	System fault LED, HDD activity LED		
	I/O	2 RJ45 (1GbE) by Intel® i350, shares with rear I/O 1 dedicated IPMI, shares with rear I/O 4 Type-A (USB3.2 Gen1) 1 DB15 (VGA)		
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i350, shares with front panel 1 dedicated IPMI, shares with front panel		
	Others	2 Type-A (USB3.2 Gen1), UID button w/ LED, 1 DB15 (VGA)		
Expansion Slots	Front	1 FHHL PCIe5.0 x8 1 OCP NIC 3.0 (PCIe5.0 x8)		N/A
	Rear	8 FHFL dual-slot PCIe5.0 x16		N/A
Drive Bay / Storage	External	4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays or 24 hot-swap 2.5" SATA/SAS Note1 drive bays		4 hot-swap 3.5"/2.5" NVMe (PCIe4.0 x4) / SATA/SAS Note2 drive bays
	Internal	1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU0] 1 M-key (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor [CPU1]		
Power Supply	Module	3+1, 80-PLUS Titanium, 2700W CRPS		
System Cooling	Fan	5 middle hot-swap 80x80 mm fans (20400/18000 RPM)	5 middle + 5 rear hot-swap 80x80 mm fans (20400/18000 RPM)	
Management	BMC	ASPEED AST2600		
Security		TPM (13-pin, SPI)		

Note1: Additional RAID/HBA card required to support the 24 x 2.5" SATA/SAS drive bays
Note2: Additional RAID/HBA card required to support the 4x SATA/SAS drive bays

4U4G-GNR/HPR







Application

- AI Inference
- Machine Learning
- Rendering

		4U4G-GNR/HPR
CPU	Socket	1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors
	TDP	Up to 350W
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	710 x 430.4 x 174.8 mm (27.9" x 16.9" x 6.9" with GPU fans; 596mm or 23.5" in depth w/o GPU fans)
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button, NMI button
	LEDs	LAN activity LED, HDD activity LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (10GbE) by Intel® X710-AT2 2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI
	Others	2 Type-A (USB3.2 Gen1), UID button, 1 DB15 (VGA)
Expansion Slots	Rear	4 FHFL dual-slot or 7 FHFL single-slot PCIe5.0 x16 1 FHFL single-slot PCIe5.0 x8
Drive Bay / Storage	Internal	2 M-key (PCIe5.0 x4); support 22110/2280 form factor (includes cage for 2 fixed 2.5" drives)
Power Supply	Module	2+1, 80-PLUS Titanium, 2700W CRPS
System Cooling	Fan	Middle: 4 PWM fixed 80x80 mm fans Rear: 2 PWM fixed 80x80 mm GPU fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

4U4G-TURIN/HPR







Application

- AI Inference
- Machine Learning
- Rendering

		4U4G-TURIN/HPR
CPU	Socket	1 Socket SP5 (LGA 6096P); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 400W
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	710 x 430.4 x 174.8 mm (27.9" x 16.9" x 6.9" with GPU fans; 596mm or 23.5" in depth w/o GPU fans)
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button, NMI button
	LEDs	LAN activity LED, HDD activity LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (10GbE) by Broadcom BCM57416 1 dedicated IPMI
	Others	2 Type-A (USB3.2 Gen1), UID button w/ LED, 1 DB15 (VGA), 1 DB9 (COM)
Expansion Slots	Rear	4 FHFL dual-slot or 7 FHFL single-slot PCIe5.0 x16 1 FHFL single-slot PCIe5.0 x8
Drive Bay / Storage	Internal	2 M-key (PCIe5.0 x4); support 22110/2280 form factor (includes cage for 2 fixed 2.5" drives)
Power Supply	Module	2+1, 80-PLUS Titanium, 2700W CRPS
System Cooling	Fan	Middle: 4 PWM fixed 80x80 mm fans Rear: 2 PWM fixed 80x80 mm GPU fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4U4G-GENOAX





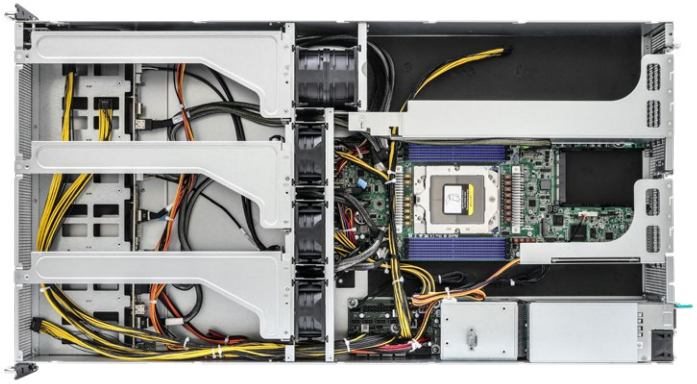


Application

- Deep Learning
- Data Processing
- Mainstream Workstation

		4U4G-GENOAX
CPU	Socket	1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 320W
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 5200MT/s RDIMM-3DS up to 256GB each, max. 5200MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	596 x 430.4 x 174.8 mm (23.5" x 16.9" x 6.9")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button, NMI button
	LEDs	LAN activity LED, HDD activity LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (10GbE) by Broadcom BCM57416 1 dedicated IPMI
	Others	2 Type-A (USB3.2 Gen1), 1 UID button w/ LED, 1 DB15 (VGA), 1 DB9 (COM)
Expansion Slots	Rear	4 FHFL dual-slot PCIe5.0 x16 or 7 FHFL single-slot PCIe5.0 x16 1 FHFL PCIe5.0 x8
Drive Bay / Storage	Internal	1 M-key (PCIe5.0 x4 or 4 SATA 6Gb/s); supports 22110/2280 form factor 1 M-key (PCIe5.0 x4); supports 22110/2280 form factor
Power Supply	Module	1+1, 80-PLUS Platinum, 2100W CRPS
System Cooling	Fan	2 PWM fixed 80x56 mm fans 2 PWM fixed 80x38 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

2U4G-TURIN/M3







Application

- Artificial Intelligence
- HPC
- Virtualization

		2U4G-TURIN/M3
CPU	Socket	1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 400W
DIMM	Slot	8 DIMM slots (1DPC)
System Physical Status	Form Factor	2U Rackmount
	Chassis Dimension	850 x 438 x 87.5 mm (33.5" x 17.2" x 3.4")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button
	LEDs	Power LED, UID LED, System fault LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	1 dedicated IPMI
	Others	2 Type-A (USB3.2 Gen1), 1 Mini-DisplayPort, 1 UID button w/ LED
Expansion Slots	Rear	4 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe5.0 x16 1 FHFL PCIe5.0 x8 1 OCP NIC 3.0 (PCIe5.0 x16)
Drive Bay / Storage	External	4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays 2 hot-swap 2.5" SATA drive bays
	Internal	2 M-key (PCIe5.0 x4), support 22110/2280 form factor
Power Supply	Module	1+1, 80-PLUS Titanium, 2700W CRPS
System Cooling	Fan	3 PWM fixed 80x38 mm fans, 1 PWM fixed 80x80 mm fan
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4U4G-W890/HPR AQUA







Application

- AI Inference
- Machine Learning
- Visual Computing

		4U4G-W890/HPR AQUA
CPU	Socket	1 Socket E2 (LGA4710-2); supports Intel® Xeon® 6 Processors for Workstations
	TDP	Up to 350W
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	731.6 x 430.4 x 174.8 mm (28.8" x 16.9" x 6.9" with GPU fans; 596mm or 23.5" in depth w/o GPU fans)
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button, NMI button
	LEDs	LAN activity LED, HDD activity LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (10GbE) by Intel® E610 2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI
	Others	2 Type-A (USB3.2 Gen1), 1 UID button w/ LED, 1 DB15 (VGA)
Expansion Slots	Rear	4 FHFL dual-slot or 7 FHFL single-slot PCIe5.0 x16 1 FHFL single-slot PCIe5.0 x16
Drive Bay / Storage	Internal	4 fixed 2.5" NVMe (PCIe5.0 x4)/SATA drive bays (cables included in accessories) 2 M-key (PCIe4.0 x4); support 22110 form factor
Power Supply	Module	2+1, 80-PLUS Titanium, 2700W CRPS
System Cooling	Fan	Radiator: 1 PWM fixed 120x25 mm fan Middle: 3 PWM fixed 80x80 mm fans, 1 PWM fixed 80x38 mm fan Rear: 2 PWM fixed 80x80 mm GPU fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4U4G-TR5/2T AQUA







Application

- Visual Computing
- Data Processing
- Mainstream Workstation

		4U4G-TR5/2T AQUA
CPU	Socket	1 Socket sTR5 (LGA 4844); supports AMD Ryzen™ Threadripper™ PRO 9000/7000WX series processors
	TDP	Up to 350W
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 96GB each, max. 5200MT/s RDIMM-3DS up to 256GB each, max. 5200MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	596 x 430.4 x 174.8 mm (23.5" x 16.9" x 6.9")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button, NMI button
	LEDs	LAN activity LED, HDD activity LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (10GbE) by Intel® X710-AT2 1 dedicated IPMI
	Others	2 Type-C (USB3.2 Gen2), 4 Type-A (USB3.2 Gen2), 2 Type-A (USB3.2 Gen1), 1 UID button w/ LED, 1 DisplayPort 1.1a (VGA), 1 Microphone input jack, 1 Line out jack, 1 Optical SPDIF out port
Expansion Slots	Rear	4 FHFL dual-slot PCIe5.0 x16 or 6 FHFL single-slot PCIe5.0 x16 and 1 FHFL single-slot PCIe5.0 x8
Drive Bay / Storage	Internal	4 fixed 3.5"/2.5" NVMe (PCIe4.0 x4)/SATA drive bays 1 M-key (PCIe5.0 x4); supports 22110/2280/2260 form factor 1 M-key (PCIe4.0 x4); supports 2280/2260 form factor
Power Supply	Module	1, 80-PLUS Platinum, 2000W ATX PSU
System Cooling	Fan	Radiator: 3 PWM fixed 120x25 mm fans Cover: 1 PWM fixed 140x25 mm GPU fan Rear: 1 PWM fixed 80x25 mm fan
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI)

4U2G-ALTRA/2T







Application

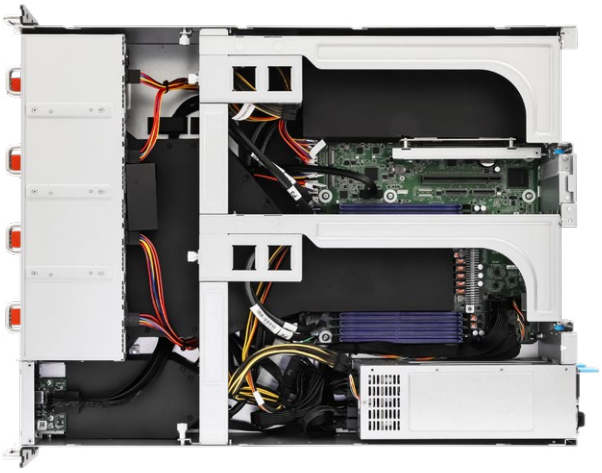
- Visual Computing
- Data Processing
- Mainstream Workstation

		4U2G-ALTRA/2T
CPU	Socket	1 Socket (LGA 4926); supports Ampere Altra Max/Ampere Altra processors
DIMM	Slot	8 DDR4 DIMM Slots (1DPC); supports RDIMM, LRDIMM up to 256GB each, max. 3200MT/s
System Physical Status	Form Factor	4U Rackmount
	Chassis Dimension	596 x 430.4 x 174.8 mm (23.5" x 16.9" x 6.9")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED
	LEDs	LAN activity LED, HDD activity LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	2 RJ45 (10GbE) by Intel® X550 1 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI
	USB	4 Type-A (USB3.2 Gen1)
	Others	1 DB15 (VGA), 1 UID button w/ LED
Expansion Slots	Rear	SLOT7: PCIe4.0 x16 Note1 SLOT6: PCIe4.0 x16 Note1 SLOT5: PCIe4.0 x16 SLOT4: PCIe4.0 x16 1 FHFL single-slot PCIe4.0 x8
Drive Bay / Storage	Internal	4 fixed NVMe (PCIe4.0 x4) drive bays 2 M-key (PCIe4.0 x4); support 2280/2230 form factor
Power Supply	Module	1, 80-PLUS Gold, 2000W ATX PSU
System Cooling	Fan	4 PWM easy-swap 80x38 mm fans
Management	BMC	ASPEED AST2500
Security		TPM (13-pin, SPI) by optional accessory

Note1: Supports PCIe4.0 x8 when using Ampere Altra processors

2U2G-GNR/HPR

2U2G-GNR







Application

- AI Inference
- Edge AI
- Data Analytics

		2U2G-GNR/HPR	2U2G-GNR
CPU	Socket	1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors	
	TDP	Up to 350W	
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s	
System Physical Status	Form Factor	2U Rackmount	
	Chassis Dimension	580 x 438 x 87 mm (22.8" x 17.2" x 3.4")	
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button	
	LEDs	HDD activity LED, System event LED	
	I/O	2 Type-A (USB3.2 Gen1)	
Rear I/O	RJ45	1 dedicated IPMI	
	Others	2 Type-A (USB3.2 Gen1), 1 UID button w/ LED, 1 DB15 (VGA), 1 DB9 (COM)	
Expansion Slots	Rear	2 FHFL dual-slot PCIe5.0 x16 1 HHHL single-slot PCIe5.0 x16	
Drive Bay / Storage	External	2 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays	
	Internal	2 M-key (PCIe5.0 x4); support 2280 form factor	
Power Supply	Module	1+1, 80-PLUS Titanium, 2700W CRPS	1+1, 80-PLUS Titanium, 2000W CRPS
System Cooling	Fan	Front: 4 PWM hot-swap 80x56 mm fans, Middle: 1 PWM fixed 40x28 mm fan	
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI) by optional accessory	

2U2G-TURIN/HPR

2U2G-TURIN







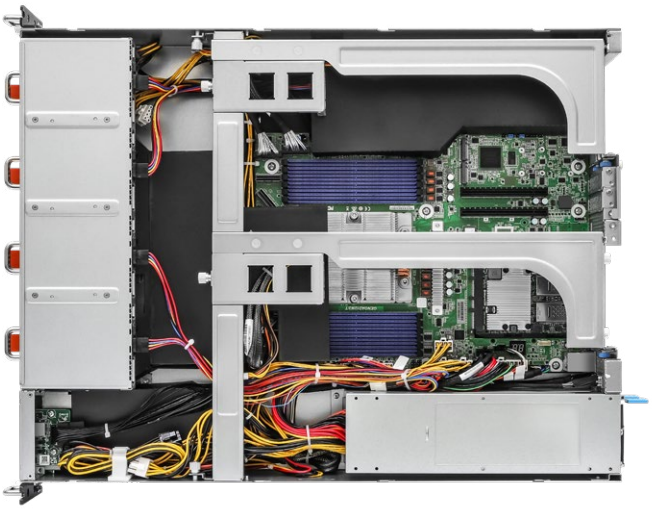
Application

- AI Inference
- Edge AI
- Data Analytics

		2U2G-TURIN/HPR	2U2G-TURIN
CPU	Socket	1 Socket SP5 (LGA 6096P); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors	
	TDP	Up to 500W	
DIMM	Slot	12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s	
System Physical Status	Form Factor	2U Rackmount	
	Chassis Dimension	580 x 438 x 87 mm (22.8" x 17.2" x 3.4")	
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button	
	LEDs	HDD activity LED, System event LED	
	I/O	2 Type-A (USB3.2 Gen1)	
Rear I/O	RJ45	1 dedicated IPMI	
	Others	1 DB15 (VGA), 1 DB9 (COM), 2 Type-A (USB3.2 Gen1)	
Expansion Slots	Rear	2 FHFL dual-slot PCIe5.0 x16 Note1 1 HHHL PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)	
Drive Bay / Storage	External	2 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays 2-port NVMe passive backplane	
	Internal	2 M-key (PCIe5.0 x4 or 4 SATA 6Gb/s); support 22110/2280/2260 form factor	
Power Supply	Module	1+1, 80-PLUS Titanium, 2700W CRPS	1+1, 80-PLUS Titanium, 2000W CRPS
System Cooling	Fan	4 PWM hot-swap 80x56 mm fans 1 PWM fixed 40x28 mm fan	
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI)	

Note1: Supports GPU cards of up to 600W (conditions apply).

2U2G-GENOA





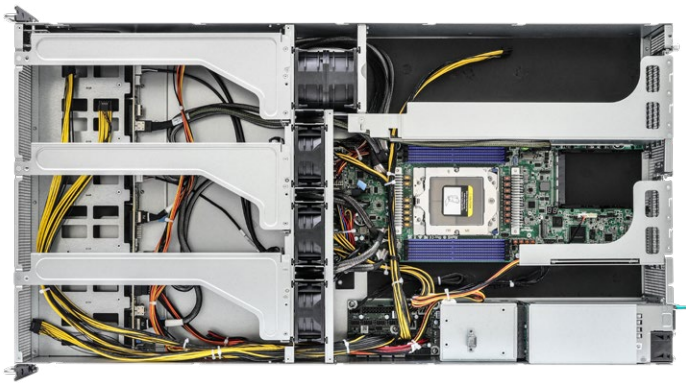


Application

- AI Inference
- Virtualization
- Visual Computing

		2U2G-GENOA
CPU	Socket	1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
DIMM	Slot	12 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 5200MT/s RDIMM-3DS up to 256GB each, max. 5200MT/s
System Physical Status	Form Factor	2U Rackmount
	Chassis Dimension	580 x 438 x 87 mm (22.8" x 17.2" x 3.4")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button
	LEDs	HDD activity LED, LAN 1/2 LED, System event LED
	I/O	2 Type-A (USB3.2 Gen1)
Rear I/O	RJ45	1 dedicated IPMI
	Others	2 Type-A (USB3.2 Gen1), 1 UID button, 1 DB15 (VGA), 1 DB9 (COM)
Expansion Slots	Rear	2 FHFL dual-slot PCIe5.0 x16 2 HHHL single-slot PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)
Drive Bay / Storage	Internal	2 M-key (PCIe5.0 x4 or SATA 6Gb/s); support 22110/2280/2260 form factor
Power Supply	Module	1+1, 80-PLUS Titanium, 2000W CRPS
System Cooling	Fan	Front: 4 PWM hot-swap 80x56 mm fans Middle: 1 PWM fixed 40x28 mm fan
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

2U4G-GENOA/M3







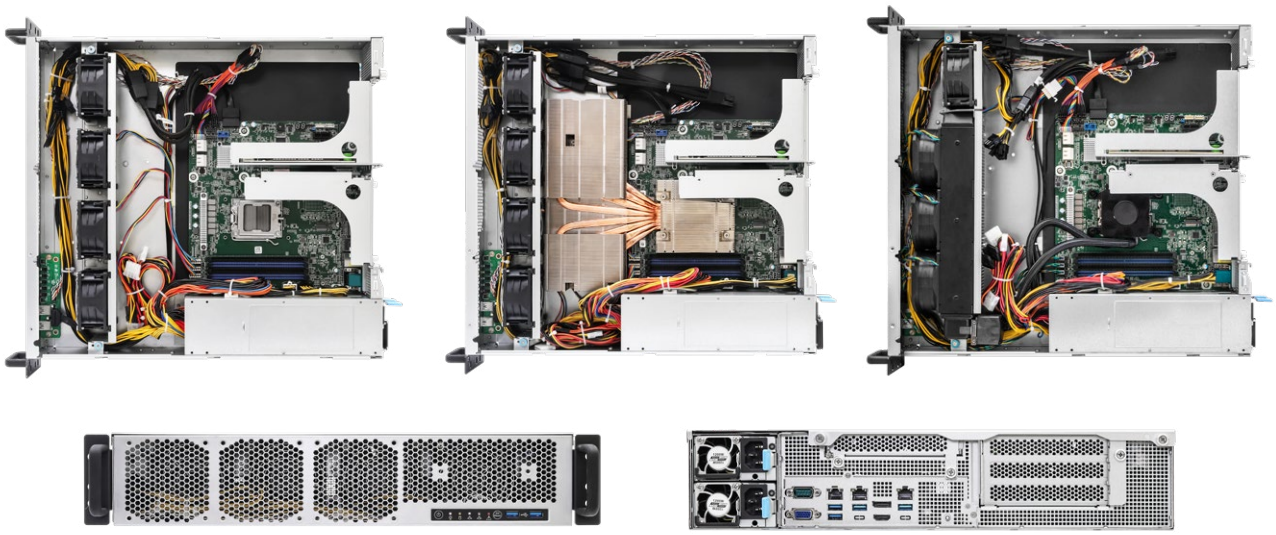
Application

- Artificial Intelligence
- Machine Learning
- HPC
- Virtualization

		2U4G-GENOA/M3
CPU	Socket	1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
	TDP	Up to 360W
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 5200MT/s RDIMM-3DS up to 256GB each, max. 5200MT/s
System Physical Status	Form Factor	2U Rackmount
	Chassis Dimension	850 x 438 x 87.5 mm (33.5" x 17.2" x 3.5")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button
	LEDs	System fault LED, UID LED, Power LED
	I/O	2 Type-A (USB2.0)
Rear I/O	RJ45	1 dedicated IPMI
	USB	2 Type-A (USB3.2 Gen1)
	Others	1 mini-DisplayPort (VGA), 1 UID button w/ LED
Expansion Slots	Front	3 FHFL dual-slot PCIe5.0 x16
	Rear	1 FHFL dual-slot PCIe5.0 x16 1 OCP NIC 3.0 PCIe5.0 x16 1 FHHL PCIe5.0 x16 1 FHFL PCIe5.0 x8
Drive Bay / Storage	External	4 hot-swap 2.5" NVMe (PCIe5.0 x4) drive bays 2 hot-swap 2.5" SATA drive bays
	Internal	2 M-key (PCIe5.0 x4 or SATA 6Gb/s); support 22110/2280 form factor
Power Supply	Module	1+1, 80-PLUS Platinum, 2700W CRPS
System Cooling	Fan	1 PWM hot-swap 80x80 mm fan 3 PWM hot-swap 80x38 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

2U1G-B650

2U1G-B650/EVAC · 2U1G-B650/AQUA

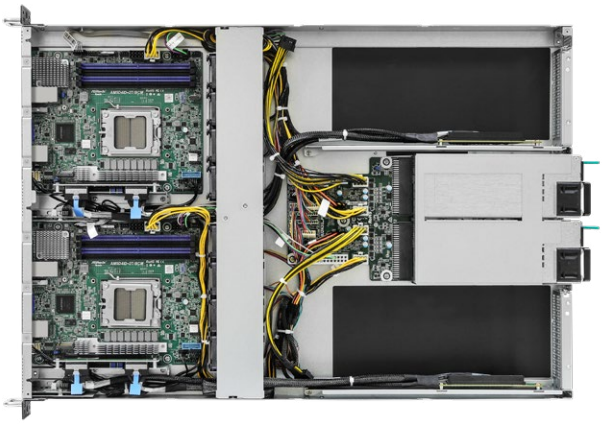


Application

- Rendering
- Virtualization
- Visualization
- Deep Learning

		2U1G-B650	2U1G-B650/EVAC	2U1G-B650/AQUA
CPU	Socket	1 Socket AM5 (LGA1718); supports AMD EPYC™ 4005/4004 and AMD Ryzen™ 9000/8000/7000 series processors		
	TDP	120W	170W	
DIMM	Slot	4 DDR5 288-pin (2DPC)		
System Physical Status	Form Factor	2U Rackmount		
	Chassis Dimension	477.7 x 430.4 x 88 mm (18.8" x 16.9" x 3.5")		
Front Panel	Buttons	Power button w/ LED, Reset button		
	LEDs	System fail LED, LAN1/LAN2 activity LED, Power Status LED		
	I/O	2 Type-A (USB3.2 Gen1)		
Rear I/O	RJ45	2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI		
	USB	4 Type-A (USB3.2 Gen1)		
	Others	1 UID button w/ LED, 1 DB15 (VGA), 1 DB9 (COM), 1 DisplayPort, 1 HDMI		
Expansion Slots	Rear	1 FHFL triple-slot PCIe5.0 x16 1 FHHL PCIe4.0 x4	1 FHFL dual-slot PCIe5.0 x16 1 FHHL PCIe4.0 x4	1 FHFL triple-slot PCIe5.0 x16 1 FHHL PCIe4.0 x4
Drive Bay / Storage	Internal	2 optional fixed 2.5" drive bays	1 optional fixed 2.5" drive bay	2 optional fixed 2.5" drive bays
		1 M-key (PCIe5.0 x4); supports 2280/2242 form factor [CPU] 1 M-key (PCIe4.0 x4); supports 2280/2242 form factor [FCH]		
Power Supply	Module	1+1, 80-PLUS Platinum, 1200W CRPS		
System Cooling	Fan	4 PWM easy-swap 80x38 mm fans		Dynatron L35 (w/ 3 fixed 80x38 mm fans) 1 PWM easy-swap 80x38 mm fan
Management	BMC	ASPEED AST2600		
Security		TPM (13-pin, SPI) by optional accessory		

1U2N2G-AM5/2T







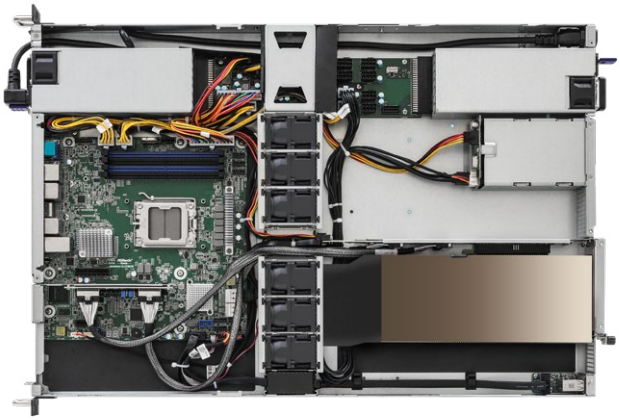
Application

- Visual Computing
- Data Processing

		1U2N2G-AM5/2T
CPU (per node)	Socket	1 Socket AM5 (LGA 1718); supports AMD EPYC™ 4005/4004 and AMD Ryzen™ 9000/8000/7000 series processors
	TDP	Up to 120W
DIMM (per node)	Slot	4 DDR5 288-pin (2DPC)
System Physical Status	Form Factor	1U Rackmount
	Chassis Dimension	650 x 438 x 43.5 mm (25.6" x 17.2" x 1.7")
Front Panel (per node)	Buttons	UID button w/ LED, Power button w/ LED
	LEDs	System fail LED
	I/O	2 RJ45 (10GbE) by Broadcom BCM57416, 1 dedicated IPMI 2 Type-A (USB3.2 Gen1), 1 DB15 (VGA), 1 HDMI
Expansion Slots (per node)	Rear	1 FHFL dual-slot PCIe5.0 x16 or 2 FHFL single-slot PCIe5.0 x8
Storage (per node)	Internal	1 M-key (PCIe4.0 x4); supports 2280 form factor
Power Supply	Module	1+1, 80-PLUS Platinum, 1600W CRPS
System Cooling	Fan	8 PWM hot-swap 40x56 mm fans
Management (per node)	BMC	ASPEED AST2600
Security (per node)		TPM (13-pin, SPI) by optional accessory

1U1G-B650/2L2T

1U1G-B650







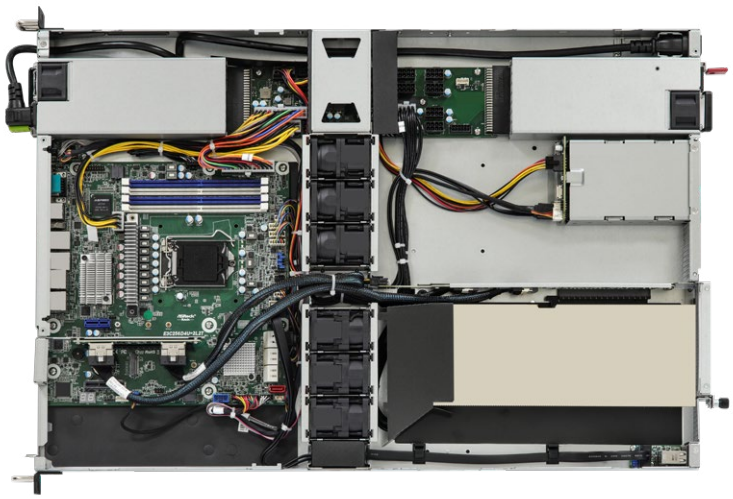
Application

- Rendering
- Virtualization
- Visualization
- Deep Learning

		1U1G-B650/2L2T	1U1G-B650
CPU	Socket	1 Socket AM5 (LGA1718); supports AMD Ryzen™ 7000 series processors	
DIMM	Slot	4 DDR5 288-pin (2DPC)	
System Physical Status	Form Factor	1U Rackmount	
	Chassis Dimension	660.4 x 438 x 43.5 mm (26.00" x 17.24" x 1.71")	
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button	
	LEDs	System fault LED, LAN1/LAN2 activity LED	
	I/O	2 RJ45 (10GbE) by Broadcom BCM57416 2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI 4 USB Type-A (USB3.2 Gen1) 1 DB15 (VGA), 1 DisplayPort, 1 HDMI 1 DB9 (COM)	2 RJ45 (1GbE) by Intel® i210 1 dedicated IPMI 4 USB Type-A (USB3.2 Gen1) 1 DB15 (VGA), 1 DisplayPort, 1 HDMI 1 DB9 (COM)
Rear I/O	USB	2 Type-A (USB3.2 Gen1)	
Expansion Slots	Front	1 FHHL PCIe4.0 x4 Note1	
	Rear	1 FHFL dual-slot PCIe5.0 x16	
Drive Bay / Storage	External	2 hot-swap 2.5" SATA drive bays	
	Internal	1 M-key (PCIe5.0 x4); supports 2280/2242 form factor [CPU]	1 M-key (PCIe5.0 x4); supports 2280/2242 form factor [CPU] 1 M-key (PCIe4.0 x4); supports 2280/2242 form factor [FCH]
Power Supply	Module	1+1, 80-PLUS Platinum, 1300W CRPS	
System Cooling	Fan	6 PWM dual-rotor 40x56 mm fans	
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI) by optional accessory	

Note1: 1 FHHL PCIe4.0 x4 support requires additional PCIe4.0 x4 to x16 riser cable. Please contact ASRock Rack

1U1G-C256/2L2T







Application

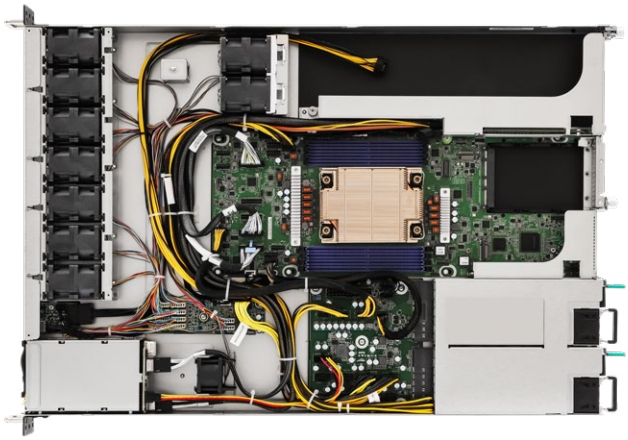
- Rendering
- Virtualization
- Visualization
- Deep Learning

		1U1G-C256/2L2T
CPU	Socket	1 Socket H5 (LGA1200); supports Intel® Xeon® E-2300 and 10th Gen Intel® Pentium® series processors
DIMM	Slot	4 DDR4 288-pin DIMM Slots (2DPC); supports ECC/non-ECC UDIMM up to 32GB each max. 3200MT/s on Intel® Xeon® E-2300 series processors max. 2666MT/s on 10th Gen Intel® Pentium® series processors
System Physical Status	Form Factor Chassis Dimension	1U Rackmount 438 x 660.4 x 43.5 mm (without ear)
Front Panel	Buttons LEDs I/O	Reset button, Power button w/ LED, UID button w/ LED System fail LED, LAN1 LED, LAN2 LED 2 RJ45(10GbE) by Intel® X710-AT2, 2 RJ45 (1GbE) by Intel® i210, 2 Type-A (USB3.2 Gen1), 1 DB15 (VGA), 1 DB9 (COM), 1 HDMI, 1 dedicated IPMI
Rear I/O	USB	2 Type-A (USB3.2 Gen1)
Expansion Slots	Rear	1 FHFL dual-slot PCIe4.0 x16
Drive Bay/ Storage	External Internal	2 SFF 2.5" (SATA 6 Gb/s) 1 M-key Note1 (PCIe3.0 x4 or SATA 6Gb/s); supports 22110/2280/2260 form factor [PCH] 1 M-key (PCIe3.0 x4); supports 2280/2260 form factor [PCH]
Power Supply	Module	1+1 Platinum 1200W CRPS
System Cooling	Fan	8 PWM dual-rotor 40x56 mm fans
Management	BMC	ASPEED AST2500
Security		TPM (13-pin, SPI) by optional accessory

Note1: SATA0 will be disabled when M2_1 populated with SATA device

1U1G2E-GNR

1U1G4E1S-GNR



1U1G2E-GNR



1U1G4E1S-GNR





Application

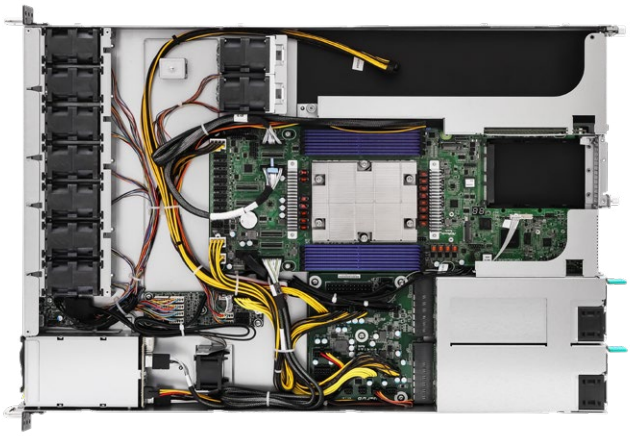
- Edge AI
- Data Visualization

		1U1G2E-GNR	1U1G4E1S-GNR
CPU	Socket	1 Socket E2 (LGA 4710); supports Intel® Xeon® 6700P-series, 6500P-series, and 6700E-series processors	
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB (2Rx4) each, max. 6400MT/s RDIMM-3DS up to 256GB (4Rx4) each, max. 6400MT/s MRDIMM up to 64GB (2Rx4) each, max. 8000MT/s	
System Physical Status	Form Factor	1U Rackmount	
	Chassis Dimension	650 x 438.0 x 43.5 mm (25.6" x 17.2" x 1.7")	
Front Panel	Buttons	Power button w/ LED, Reset button	
	LEDs	System fault LED, UID LED, HDD activity LED	
	I/O	2 Type-A (USB3.2 Gen1)	
Rear I/O	RJ45	1 dedicated IPMI	
	Others	1 UID button w/ LED, 1 Mini DisplayPort (VGA), 2 Type-A (USB3.2 Gen1)	
Expansion Slots	Rear	1 FHFL dual-slot PCIe5.0 x16 1 HHHL single-slot PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)	
Drive Bay / Storage	External	2 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays	4 hot-swap E1.S (PCIe5.0 x4) drive bays[Note1]
	Internal	M2_1 (PCIe5.0 / CXL2.0 x4); supports 2280 form factor M2_2 (PCIe5.0 / CXL2.0 x4); supports 22110 form factor	
Power Supply	Module	1+1, 80-PLUS Titanium, 1600W CRPS	
System Cooling	Fan	9 PWM hot-swap 40x56 mm fans 1 PWM hot-swap 40x28 mm fan	
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI) by optional accessory	

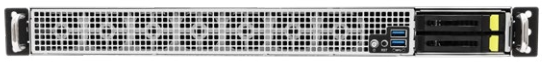
Note1: Only supported by specific CPU

1U1G2E-TURIN

1U1G4E1S-TURIN



1U1G2E-TURIN



1U1G4E1S-TURIN





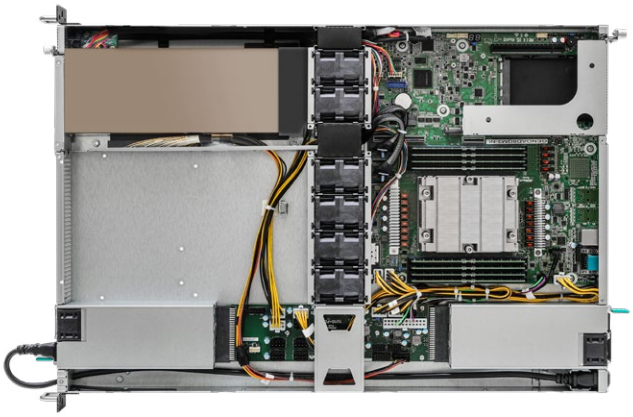
Application

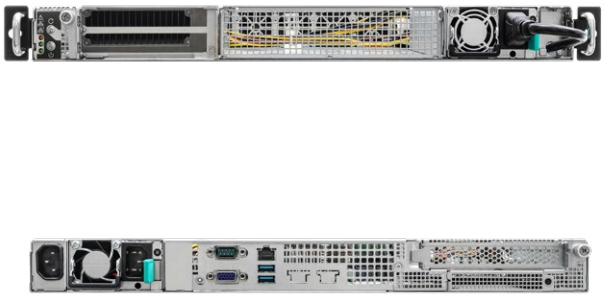
- Edge AI
- Data Visualization

		1U1G2E-TURIN	1U1G4E1S-TURIN
CPU	Socket	1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9005/9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors	
	TDP	Up to 400W	
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 6400MT/s RDIMM-3DS up to 256GB each, max. 6400MT/s	
System Physical Status	Form Factor	1U Rackmount	
	Chassis Dimension	650 x 438 x 43.5 mm (25.6" x 17.2" x 1.7")	
Front Panel	Buttons	Power button w/ LED, Reset button	
	LEDs	System fault LED, UID LED, HDD activity LED	
Rear I/O	I/O	2 Type-A (USB3.2 Gen1)	
	RJ45	1 dedicated IPMI	
	Others	1 Mini DisplayPort (VGA), 1 UID button w/ LED, 2 Type-A (USB3.2 Gen1)	
Expansion Slots	Rear	1 FHFL dual-slot PCIe5.0 x16 Note1 1 HHHL single-slot PCIe5.0 x16 1 OCP NIC 3.0 (PCIe5.0 x16)	
Drive Bay / Storage	External	2 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays	4 hot-swap E1.S (PCIe5.0 x4) drive bays
	Internal	2 M-key (PCIe5.0 x4 or SATA 6Gb/s); support 22110/2280 form factor	
Power Supply	Module	1+1, 80-PLUS Titanium, 2000W CRPS	
System Cooling	Fan	9 PWM dual-rotor 40x56 mm fans 1 PWM single-rotor 40x28 mm fan	
Management	BMC	ASPEED AST2600	
Security		TPM (13-pin, SPI)	

Note1: Supports GPU cards of up to 600W (conditions apply).

1U1G-GENOA/M3





Application

- Rendering
- Virtualization
- Visualization
- Deep Learning

		1U1G-GENOA/M3
CPU	Socket	1 Socket SP5 (LGA 6096); supports AMD EPYC™ 9004 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
DIMM	Slot	8 DDR5 DIMM Slots (1DPC); supports RDIMM up to 128GB each, max. 5200MT/s RDIMM-3DS up to 256GB each, max. 5200MT/s
System Physical Status	Form Factor	1U Rackmount
	Chassis Dimension	653.5 x 438 x 43.5 mm (25.73" x 17.24" x 1.71")
Front Panel	Buttons	Power button w/ LED, UID button w/ LED, Reset button
	LEDs	System fault LED, LAN1/LAN2 activity LED
Rear I/O	I/O	2 Type-A (USB3.2 Gen1)
	RJ45	2 RJ45 (10GbE) by Broadcom BCM57416 1 dedicated IPMI
	Others	1 DB15 (VGA), 1 DB9 (COM)
Expansion Slots	Front	1 FHFL dual-slot PCIe5.0 x16
	Rear	1 FHHL PCIe5.0 x16 via RB1UX16R_G5 1 OCP NIC 3.0 (PCIe5.0 x16)
Drive Bay / Storage	External	2 hot-swap 2.5" NVMe (PCIe4.0 x4) drive bays
	Internal	1 M-key (PCIe5.0 x4 or SATA 6Gb/s); supports 22110/2280 form factor 1 M-key (PCIe5.0 x4 or SATA 6Gb/s); supports 2280 form factor
Power Supply	Module	1+1, 1600W CRPS
System Cooling	Fan	6 PWM dual-rotor 40x56 mm fans
Management	BMC	ASPEED AST2600
Security		TPM (13-pin, SPI) by optional accessory

About ASRock Rack

ASRock Rack Inc., established in 2013, specialized in the field of Cloud Computing server hardware. Inheriting ASRock's design concepts, Creativity, Consideration and Cost-effectiveness, the company is dedicated bringing the Server Industry out of the box thinking with the passion to innovate. Leveraged by ASRock's growing momentum and distribution channels, this young and vibrant company targets at the booming market of cloud computing and commits to serve the market with user friendly, eco-friendly, Do-It-Yourself Server hardware, featuring flexible and reliable products.

GPU Servers

Accelerating imaginations and breakthroughs with cutting-edge technology, the ASRock Rack GPU server lineup unlocks unmatched performance, excelling across a wide range of workloads including AI, HPC, cloud gaming, and video rendering for cloud, on-prem, and edge environments.





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Built to support a high density of NVMe drives, the ASRock Rack All-Flash storage server delivers unparalleled speed, ultra-low latency, and high throughput—making it ideal for AI, HPC, CDN, and performance-driven environments where fast, reliable data access is critical.

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OCP

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ASRock Rack extensive portfolio of general purpose, compute, and storage servers in 1U, 2U, or 4U for diverse workloads from small business, virtualization, VDI, e-commerce to hyper-converged infrastructure, and more.





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