



iX-5208G (Gen 4)

5U Dual Intel® Xeon® GPU Server (4th Gen)



MOTHERBOARD

Processor Support	Dual Intel® Xeon® LGA 4677 Scalable Gen4 Processors (Sapphire Rapids)
Chipset	Intel® C741 Chipset
System Memory (Max)	Up to 8 TB Registered ECC DDR5 4800MHz SDRAM; 32 DIMM slots
Networking	Dual 10 GbE X710-AT2
PCIe Networking Options	Optional 10 Gbe, 25 Gbe, 40 Gbe, 100 Gbe Ports Available
VGA/BMC	ASPEED AST2600 BMC
Remote Management	Redfish API, IPMI 2.0; KVM with dedicated LAN

CHASSIS

Form Factor	5U Rackmount
Dimensions	945mm x 447mm x 222.25mm

STORAGE

Onboard Storage Controller	Intel® SATA (6 Gbps) controller + NVMe controller
RAID Controller Options	Optional Hardware RAID or SAS HBA Available
Drive Bays	8 × 2.5" Hot-Swap NVMe/SATA/SAS drive bays

EXPANDABILITY

Expansion Slots	8 x PCI-E 5.0 ×16 LP (from PEX89104), 4 x PCI-E 5.0 ×16 LP, 1 x PCI-E 4.0 ×16 LP
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POWER

Power Supply	4 + 2 3000W Redundant high-efficiency power supplies with I2C & PMBus
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Key Applications

- Research Laboratory/National Laboratory
- Animation and Modeling
- AI Inference and Machine Learning
- HPC
- Autonomous Vehicle Technologies
- Molecular Dynamics Simulation

Outstanding Features

- 32 DIMM slots - Up to 8 TB total memory
- 8 × 2.5" Hot-Swap NVMe/SATA/SAS drive bays
- NVIDIA HGX H100 with 8 x SXM5 GPUs
- Up to 900 GB/s GPU to GPU interconnection
- 12 x PCI-E 5.0 ×16 slots