



iX-22X424G (Gen 4)

2U 4-Node Dual Intel® Xeon® Scalable Processors (4th Gen)



MOTHERBOARD

Processor Support	Dual Intel® Xeon® LGA 4677 Scalable Gen4 Processors (Sapphire Rapids)
Chipset	Intel® C741 Chipset
System Memory (Max)	Each node (1 of 4): 16 TB 3DS ECC DDR5-4800LRDIMM/RDIMM 16 DIMM slots
Networking	Dual 10 GbE BaseT with Intel® X710
PCIe Networking Options	Optional 10 Gbe, 25 Gbe, 40 Gbe, 100 Gbe Ports Available
VGA/BMC	Each node (1 of 4): Aspeed AST2600 BMC
Remote Management	Each node (1 of 4): IPMI 2.0 + KVM with dedicated LAN, Intel® Node Manager, SUM, SPM, SSM, SuperDoctor® 5, Watchdog

CHASSIS

Form Factor	2U Rackmount
Dimensions	840mm x 440mm x 87.5mm

STORAGE

Onboard Storage Controller	Each node (1 of 4): Broadcom LSI SAS 3008 12Gb/s HBA (iX-22X424I)
RAID Controller Options	Optional SAS RAID Available
Drive Bays	Each node (1 of 4): 6 x 2.5" Hot-swap SATA3/SAS3/NVMe drive bays

EXPANDABILITY

Expansion Slots	Each node (1 of 4): 2 x PCI-E 5.0 x16 LP, 1 x PCI-E 5.0 x16 OC
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POWER

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

- All-Flash NVMe Hyperconverged Infrastructure
- Scale-Out File Server
- Diskless HPC Clusters
- HPC, Data Center, Enterprise Server
- HyperScale/Hyperconverged
- Compute Intensive Application

Outstanding Features

- 16 DIMM slots per node - Up to 16 TB total memory
- 6 x 2.5" Hot-swap NVMe/SATA drive bays per node
- 2 x PCI-E 5.0 x16 slots per node
- 1 x M.2 slots per node