



# iX-2224A (Gen 4)

2U 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)	Up to 4 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	2U Rackmount
Dimensions	840mm x 447mm x 88mm

## STORAGE

Onboard Storage Controller	Intel® SATA (6 Gbps) controller + NVMe controller
RAID Controller Options	Optional Hardware RAID or SAS HBA Available
Drive Bays	24 × 2.5" Hot-Swap NVMe/SATA/SAS drive bays (Depends on PCIe SSD's populated)

## EXPANDABILITY

Expansion Slots	2 x PCI-E 5.0 ×8 or 1 x PCI-E 5.0 ×16 FHFL or FHHL, 1 x PCI-E 5.0 ×16 LP, 1 x PCI-E 5.0 ×16 OCP
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## POWER

Power Supply	2 × 1600W Redundant high-efficiency power supplies with I2C & PMBus
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### Key Applications

- HPC
- AI Applications
- Corporate- WINS, DNS, Print, Login
- Gateway, provisioning servers
- Network Appliance
- Cloud Computing

### Outstanding Features

- 32 DIMM slots - Up to 4 TB total memory
- 24 × 2.5" Hot-Swap NVMe/SATA/SAS drive bays
- 4 x PCI-E 5.0 ×16 slots
- 1 x PCI-E 5.0 OCP slot
- 2 x M.2 slots