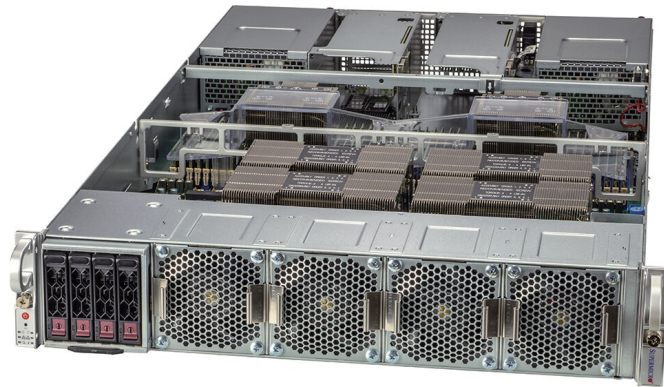


2U DP 3rd Gen Intel® Xeon® 4x A100 SXM4 GPU Server

AceleMax™ DGS-224WS



Key Applications

AI	Machine intelligence
Deep learning	Machine learning
Neural Network	HPC

Specifications

Processor Support	<ul style="list-style-type: none">• Dual 3rd Gen Intel® Xeon® Scalable Processors up to 270W TDP• Up to 40 cores / 80 threads; up to 60MB Cache
GPU Support & Quantity	<ul style="list-style-type: none">• Supports 4 Nvidia A100 40GB or 80GB SXM4 GPUs• Supports PCIe Gen4: 64 GB/sec Third generation NVIDIA® NVLink® 600 GB/sec interconnect interface• Up to 7 Multi-Instance GPU (MIG) instances• Delivers 100% performance for Top applications• Up to 27,648 FP32 CUDA Cores, 13,824 FP64 CUDA Cores, 1,728 Tensor Cores, 38.80 TF peak FP64 double-precision performance, 78 TF peak FP64 Tensor Core double-precision performance, 78 TF peak FP32 single-precision performance, 1,248 TF peak Bfloat16 performance, 1,248 TF peak FP16 Tensor Core half-precision performance, 4,992 TOPS peak Int8 Tensor Core Inference performance, and 160GB GPU memory, with four A100 SXM GPUs in a 2U chassis
Chipset	<ul style="list-style-type: none">• Intel® C621A chipset
Memory Capacity	<ul style="list-style-type: none">• Memory Capacity: 32 DIMM slots• Up to 8TB: 32x 256 GB DRAM and 16x 512 GB PMem• Memory Type: 3200/2933/2666MHz ECC DDR4 RDIMM/LRDIMM• Supports Intel® Optane™ persistent memory 200 series
Expansion Slots	<ul style="list-style-type: none">• Slot 1: PCI-E 4.0 x16 LP• Slot 2: PCI-E 4.0 x16 LP• Slot 3: PCI-E 4.0 x16 LP• Slot 4: PCI-E 4.0 x16 LP
Network Connectivity	<ul style="list-style-type: none">• 2x 10GbE BaseT with Intel® X540-AT2
Input / Output	<ul style="list-style-type: none">• 1 x VGA port
System Management	<ul style="list-style-type: none">• Support for Intelligent Platform Management Interface v.2.0• IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Drive Bays	<ul style="list-style-type: none">• 4x 2.5" hot-swap SATA/SAS drive bays• 2 x M.2 NVMe
System Cooling	<ul style="list-style-type: none">• 4 heavy duty fans with optimal fan speed control
Power Supply	<ul style="list-style-type: none">• 2 x 3000W Redundant Power Supplies, Titanium Level
System Dimensions (H x W x D)	<ul style="list-style-type: none">• 2U rack-optimized chassis• 3.5" x 17.2" x 32.7" / 89mm x 437mm x 830.3mm