

4U DP 3rd Gen Intel® Xeon® 8x NVIDIA A100 SXM4 GPU Server

AceleMax™ DGS-428WS



Key Applications

AI/ML	Deep Learning Training
Inference	High Performance Computing (HPC)
Research Laboratory/National Laboratory	Molecular Dynamics Simulation
Astrophysics Simulation	Chemistry Simulation

Specifications

Processor Support	Dual 3rd Gen Intel® Xeon® Scalable Processors up to 270W TDP
GPU Support & Quantity	8 x NVIDIA A100 SXM4 GPU
Chipset	Intel® C621A chipset
Memory Capacity	<ul style="list-style-type: none">• 32 DIMM Slots• Up to 8TB Registered ECC DDR4 3200MHz SDRAM
Expansion Slots	<ul style="list-style-type: none">10 PCI-E Slots• 8 x PCIe 4.0 x16 LP from PCIe switch• 2 x PCIe 4.0 x16 LP from CPUs• AIOM support
I/O ports	<ul style="list-style-type: none">• Optional LAN module• BMC LAN port 1 VGA port• USB 3.0 ports
System Management	Built-in Server management tool (IPMI 2.0, KVM/media over LAN) with dedicated LAN port
Drive Bays	<ul style="list-style-type: none">• 6 x NVMe U.2 (4 from PCIe Switch & 2 from CPU)• 2 x NVMe M.2 (Internal)• Option for up to 10 hot-swap U.2 NVMe 2.5" available
Power Supply	<ul style="list-style-type: none">1+1 Redundant• 4x 3000W High-efficiency (Titanium level) power supply OR 4x 2200W High-efficiency (Titanium level) power supply
System Dimensions (H x W x D)	<ul style="list-style-type: none">• 4U rack-optimized chassis• 7.0" x 17.2" x 29" / 178mm x 437mm x 737mm)