![AMAX logo]

AceleMax® AXG-428WS
4U DP 3rd Gen Intel® Xeon® 8x GPU Server

Features

- Artificial Intelligence (AI)
- Machine Learning (MI)
- Deep Learning Training and Inference
- High Performance Computing (HPC)
- Research Laboratory/National Laboratory
- Molecular Dynamics Simulation
- Astrophysics Simulation

System Specifications	
Processor	• Dual 3rd Gen Intel® Xeon® Scalable Processors up to 270W TDP
Memory	• 32 DIMM Slots • Up to 8TB Registered ECC DDR4 3200MHz SDRAM
GPU	• 8x NVIDIA A100 SXM4 GPU
Chipset	• Intel® C621A chipset
Expansion Slots	• 10 PCI-E Slots • 8x PCIe 4.0 x16 LP from PCIe switch • 2x PCIe 4.0 x16 LP from CPUs • AIOM support
Power Supply	• 6x 3000W Redundant Titanium Level PSU
Expansion Slots	• 2 PCIe 5.0 x16 FHHL slot(s) for GPUs • 8 PCIe 5.0 x16 LP slot(s)
Drive Bays	• 6x NVMe U.2 (4 from PCIe Switch & 2 from CPU) • 2x NVMe M.2 (Internal) • Option for up to 10 hot-swap U.2 NVMe 2.5" available
System Management	• Built-in Server management tool (IPMI 2.0, KVM/media over LAN) with dedicated LAN port
I/O ports	• Optional LAN module • BMC LAN port 1 VGA port • USB 3.0 ports
Power Supply	• 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)	• 4U rack-optimized chassis • 7.0" x 17.2" x 29" / 178mm x 437mm x 737mm)

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