

AceleMax® AXG-828IB

8U DP 5th/4th Gen Intel® Xeon® with 8x NVIDIA HGX B200 GPUs



Features

- 4th/5th Gen Intel® Xeon® Scalable processors
- HGX B200 8-GPU with NVSwitch
- Rear side 8 PCIe LP and 2 FHHL slots
- Up to 12x 2.5" drive bays
- On-board dual 1G Base-T

Applications

High Performance Computing, AI/Deep Learning Training, Industrial Automation, Retail, Healthcare, Conversational AI, Business Intelligence & Analytics, Drug Discovery, Climate and Weather Modeling, Finance & Economics.

Specifications	
Form Factor	<ul style="list-style-type: none"> • 8U Rackmount • 448mm x 930mm x 353.6mm (17.64" x 36.61" x 13.92")
Processor	• 4th/5th Gen Intel® Xeon® Scalable processors
Socket	• Dual Socket E (LGA 4677)
Chipset	• Intel® C741
GPU	• NVIDIA HGX B200 8-GPU with NVSwitch
Memory	<ul style="list-style-type: none"> • Socket: 16+16 DIMM slots (2DPC) • Capacity: RDIMM: up to 128GB , RDIMM-3DS: up to 256GB • Frequency: 4400 MT/s (2DPC) / 5600+ MT/s (1DPC) • Supported Type: 288-pin DDR5 RDIMM/ RDIMM-3DS
Operating System	• Windows Server, Linux, VMware ESXi
Storage	<ul style="list-style-type: none"> • Hot-swap: 12 x 2.5" Storage Bays supporting: <ul style="list-style-type: none"> - 10 x 2.5" NVMe SSD - 2 x 2.5" SATA • Internal: 1x M.2 (PCIe x4) / SATA, 1x M.2 (PCIe x4)
Expansion Slots	• Rear: 8 x LP slots from Switch board (PCIe x16), 2 x FHHL slots from CPU (PCIe x16)
Input/Output	<ul style="list-style-type: none"> • RJ45: <ul style="list-style-type: none"> - 2 RJ45 (1GbE) by Intel i350-AM2, shares with front panel - 1 dedicated IPMI LAN, shares with front panel • USB: 4x Type-A USB3.0 • VGA: 1x DB15
Power Supply	<ul style="list-style-type: none"> • (6+6) 3000W 80 PLUS Titanium redundant power supplies • Input range: 100-240V AC/ 47-63 Hz
System Management	<ul style="list-style-type: none"> • Controller: Aspeed® AST2600 Baseboard Management Controller • Feature: IPMI2.0, Reomte KVM, Virtual Media Mount HTML5 Web GUI, PXE boot from IPMI command, Rmote power on/poweroff from IPMI command or Web console
Environment	<ul style="list-style-type: none"> • Operating temperature: 10°C ~ 35°C • Non-operating temperature: -40°C ~ 70°C

