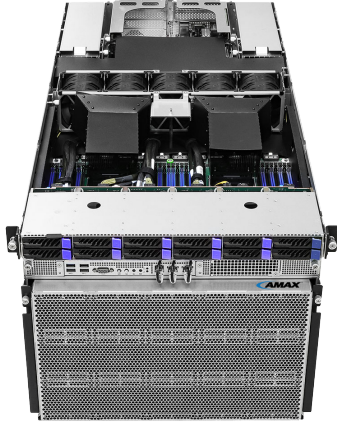


AceleMax® AXG-828U

8U DP Intel® Xeon® 6 with 8x NVIDIA HGX B300 GPUs



Features

- Intel® 6 Xeon® Scalable processors
- HGX B300 8-GPU with NVSwitch
- Up to 12x 2.5" drive bays
- 32x DDR5 slots, up to 6400 MT/s
- 6+6 3000W Titanium CRPS

Applications

Large Enterprises and Cloud Service Providers - LLMs
Research Institutions and Universities - Scientific Computing
Financial / Automotive - AI model training and inference

Specifications

Form Factor	• 8U Rackmount
Processor	• CPU: Intel® Xeon® 6700E/6700P-series processors • Socket: Dual Socket E E2, (LGA 4710) • TDP: 350 W • Chipset: System on Chip
GPU	• NVIDIA HGX B300 16-GPU with NVSwitch
Memory	• DIMM Slots: 16 + 16 DIMM slots (2 DPC) • Supported Type: 288-pin DDR5 RDIMM / RDIMM-3DS • Frequency: 5200 MT/s (2 DPC) / 6400 MT/s (1 DPC) • Capacity: RDIMM: up to 128GB (2R), RDIMM-3DS: up to 256GB
Operating System	• Windows Server, Linux, VMware ESXi
Drive Bays / Storage	• Hot-swap: 12 × 2.5" Storage Bays • Internal: 1 × M.2 (PCIe x2)
Expansion Slots	• Rear: 4 × FHHL slots from switch board (PCIe x16)
Rear I/O	• RJ45: - 2 RJ45 (1GbE) by Intel i350-AM2, shares with front panel - 1 dedicated IPMI LAN, shares with front panel • USB: 2x Type-A USB3.0 • VGA: 1x DB15
Front I/O	• LEDs: - System fault LED - HDD activity LED • I/O Ports: - 8x QSFP 800 Gbps IB - 2x RJ45 1G Base-T via Intel i350-AM2 - 1x RJ45 dedicated IPMI via AST2600+RTL8211F - 1x DB15 via AST2600 - 4x USB 3.0
Power Supply	• Redundancy: 6 + 6 • Output: 3000W • Efficiency: 80-PLUS Titanium • Input Range: 100–240V AC/ 47–63 Hz

Specifications

System Management	• Controller: ASPEED AST2600 • Features: IPMI 2.0, Remote KVM, Virtual Media Mount - HTML5 Web GUI - PXE boot from IPMI Command - Remote power on/power-off from IPMI command or Web Console
System BIOS	• AMI UEFI BIOS; 256 Mb (32 MB) SPI Flash ROM
Operating System	• Windows Server, Linux, Vmware ESXi
Environment	• Operating Temperature: 10 °C ~ 35 °C • Non-operating Temperature: -40 °C ~ 70 °C
Dimensions	• 448 mm × 930 mm × 353.6 mm • 17.64" × 36.61" × 13.92"

