AceleMax® AXG-5208AE

5U Dual Socket AMD EPYC™ 9005/9004 Series Processors Server with 8 PCIe GPUs

Features

- Dual Socket SP5 AMD EPYC™ 9005 Series Processors up to 500W with air cooling
- Support for up to 8 double-width PCIe GPU accelerator cards
- Up to 24 DIMMs supporting up to 9TB DDR5-6000 in 1DPC
- Up to 9 PCIe 5.0 x16 FHFL slots
- Up to 2 front hot-swap 2.5" SATA + 4 front hot-swap 2.5" NVMe drive bays

Applications

- AI / Deep Learning, 3D Rendering Farm, Visualization / Simulation, High Performance Computing, Multimedia/ Digital Content creation

Specifications	
Form Factor	• 5U Rackmount • Enclosure: 437 x 222.5 x 737mm (17.2" x 8.75" x 29") • Package: 720 x 440 x 1080mm (28.34" x 17.32" x 42.51")
Processor	• Dual processor(s) • AMD EPYC™ 9005/9004 Series Processors • Up to 192C/384T
GPU	• Max GPU Count: Up to 8 double-width GPUs • Supported GPU: NVIDIA PCIe: H100 NVL, H200 NVL (141GB), L40S • CPU-GPU Interconnect: Direct Attached • GPU-GPU Interconnect: NVIDIA® NVLink® Bridge (optional), AMD Infinity Fabric™ Link (optional)
System Memory	• Slot Count: 24 DIMM slots • Max Memory (1DPC): Up to 9TB 6000MT/s ECC DDR5 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 6 bays • 2 front hot-swap 2.5" SATA drive bays • 4 front hot-swap 2.5" NVMe drive bays M.2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)
Expansion Slots	Default: • 9 PCIe 5.0 x16 FHFL slots
On-Board Devices	• SATA: SATA (6Gbps) • Chipset: System on Chip • Network Connectivity: 2 RJ45 10GbE
Input / Output	LAN: 1 • RJ45 1 GbE Dedicated BMC LAN port • 2 RJ45 10 GBASE-T LAN ports • USB: 2 ports(rear) • Video: 1 VGA port

Specifications	
System Cooling	• Fans: 10 heavy duty fans with optimal fan speed control
Power Supply	• 4x 2700W Redundant (3 + 1) Titanium Level (96%) power supplies
System BIOS	• BIOS Type: AMI 64MB SPI Flash EEPROM
Management	• AMAX Cloud Composer • AMAX Server Manager (ASM) • AMAX Update Manager (AUM) • AMAX Diagnostics Offline (ADO) • AMAX Thin-Agent Service (AAS) • AMAX Server Automation Assistant (AAA) New!
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory - 7 +1 Phase-switching voltage regulator • FAN: Fans with tachometer monitoring - Status monitor for speed control - Pulse Width Modulated (PWM) fan connectors • Temperature: Monitoring for CPU and chassis environment - Thermal Control for fan connectors
Operating Environment	• Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) • Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) • Operating Relative Humidity: 8% to 90% (non-condensing) • Non-operating Relative Humidity: 5% to 95% (non-condensing)

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