

AceleMax® AXG-214A

2U UP AMD EPYC™ CPU 4 x PCIe GPU Server



Features

- AMD EPYC™ 9005 / 9004 series with AMD 3D V-Cache technology
- PCIe Gen5.0 Ready
- AI and HPC workloads ready
- Comprehensive cooling solutions
- Enhanced IT-infrastructure management

Applications

- Streaming media
- Cloud computing
- Virtualized & VDI application
- Enterprise & HPC application

Specifications

Dimensions	800mm x 439.5mm x 88.9mm (2U) 31.5" x 17.3" x 3.5"
Processor Support	AMD EPYC 9005/9004 series Single processor, TDP up to 400W, with AMD 3D V-Cache technology
Socket	1 x LGA 6096 (SP5)
Memory	12 (12-channel per CPU, 12 DIMM per CPU) DDR5 4800/4400 RDIMM/3DS RDIMM Capacity: Maximum up to 3TB Memory Size: • 64GB, 32GB, 16GB RDIMM • 256GB, 128GB 3DS RDIMM
Expansion Slots	12 PCIe Gen5 slots Front: • 1 x LPHL x8 (Gen 5 x8) Rear: • 4 x FHHL x16 (Gen5 x16) for dual-slot GPU cards or 8 x FHFL x8 (Gen5 x8) for single-slot GPU cards • 1 x FHHL x16 (Gen5 x16) • 1 x FHHL x16/x8 (Gen5 x16/x8) or OCP socket option • 1 x LPHL x0/x8 (Gen5 x0/x8)
Storage	Hot-swap: 2 x 2.5" & 4 x 3.5" • 2 x 2.5" SATA/SAS*/NVMe + 2 x 3.5" SATA/SAS*/NVMe + 2 x 3.5" SATA/SAS* • 2 x 2.5" SATA/SAS*/NVMe + 4 x 3.5" SATA/SAS*/NVMe (Occupy 1 x PCIe x8) *SAS support requires a HBA/RAID card.
Disk Controller	SATA Controller: 6 x SATA 6Gb/s SAS Controller: Optional kits: • AMAX PIKE II 3008 8-port SAS 12Gb/s HBA card • AMAX PIKE II 3108 8-port SAS HW 12Gb/s RAID card • Broadcom MegaRAID 9540-8i • Broadcom MegaRAID 9560-16i
Networking	2 x Gigabit LAN (Intel I350 Controller)

Specifications	
Graphics	Aspeed AST2600 64MB
I/O Ports	Front: • 4 x USB 3.2 Gen1 Rear: • 2 x USB 3.2 Gen1 • 2 x RJ45 Gigabit LAN • 1 x RJ45 Management • 1 x VGA
Switch/LED	Front: • 1 x Power Button/LED • 1 x Location Button/LED • 1 x Message LED • 1 x Q-Code/Port 80 LED • 2 x LAN LED Rear: • 1 x Power Button/LED • 1 x Location LED • 1 x Message LED
Management Solution	Software: AMAX Control Center Out of Band Remote Management: On-Board AB11-iKVM
Power Supply	1+1 2600W 80 PLUS Titanium CRPS-R redundant power supplies
Operating Environment	Operating temperature: 10°C ~ 35°C Non-operating temperature: -40°C ~ 70°C Non-operating humidity: 20% ~ 90% (non-condensing)