

AceleMax[®] AXG-214A

4U UP AMD EPYC™ PCIe GPU Server with up to 4 PCIe GPUs



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

Processor Support	<ul style="list-style-type: none"> • 1 x Socket SP5 (LGA 6096) • AMD EPYC™ 9005, 9004 series (up to 400W) • 5th and 4th Generation AMD EPYC Processors with AMD 3D V-Cache technology
Memory	<ul style="list-style-type: none"> • Total Slots: 12 (12-channel per CPU, 12 DIMM per CPU) • Capacity: Maximum up to 3TB per CPU socket • Memory Type: DDR5 4800/4400 RDIMM/ 3DS RDIMM • Memory Size: 64GB, 32GB, 16GB RDIMM 256GB, 128GB 3DS RDIMM
Expansion Slots	<ul style="list-style-type: none"> • Total PCI/PCI-X/PCI-E/PIKE Slots: 12 • Slot Type: Rear: <ul style="list-style-type: none"> -4 x PCIe x16 slots (Gen5 x16 link, FH, FL) for dual-slot GPU cards or 8 x PCIe x16 slots (Gen5 x8 link, FH,FL) for single-slot GPU cards -1 x PCIe x16 slots (Gen5 x16 link, FH, HL) -1 x PCIe x16 slot (Gen5 x16/x8 link, FH, HL) or OCP socket option -1 x PCIe x8 slot (Gen5 x0/x8 link, LP, HL) Front: 1 x PCIe x8 slot (Gen5 x8 link, LP, HL) Only for SKU1
Disk Controller	<ul style="list-style-type: none"> • SATA Controller: 6 x SATA 6Gb/s ports • SAS Controller: Optional Kits: <ul style="list-style-type: none"> - AMAX 3008 8-port SAS 12Gb/s HBA card - AMAX 3108 8-port SAS HW 12Gb/s RAID card - Broadcom MegaRAID 9540-8i - Broadcom MegaRAID 9560-16i
Storage Bays	<ul style="list-style-type: none"> • I = internal: 2 x 2.5" & 4 x 3.5" Hot-swap Storage Bays • A or S will be hot-swappable: SKU1: <ul style="list-style-type: none"> - 2 x 2.5" SATA/SAS*/NVMe + - 2 x 3.5" SATA/SAS*/NVMe + 2 x 3.5" SATA/SAS* SKU2: Build to order <ul style="list-style-type: none"> - 2 x 2.5" SATA/SAS*/NVMe + - 4 x 3.5" SATA/SAS*/NVMe (Occupy 1 x PCIe x8 link) *SAS support required a HBA/RAID card. **For SKU1 additional 2 x NVMe support required a RAID card.

Specifications	
Networking	<p>LAN:</p> <ul style="list-style-type: none"> • 2 x Gigabit LAN ports (Intel I350 Controller) • 1 x Management Port
Graphic	<ul style="list-style-type: none"> • VGA: Aspeed AST2600 64MB
Front I/O Ports	<ul style="list-style-type: none"> • 4 x USB 3.2 Gen1 ports
Rear I/O	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 ports • 2 x Gigabit LAN ports (RJ45) • 1 x Management port (RJ45) • 1 x VGA port
Switch/LED	<p>Front:</p> <ul style="list-style-type: none"> • 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 <p>Rear:</p> <ul style="list-style-type: none"> • 1 x Power Button/LED • 1 x Location LED • 1 x Message LED
OS Support	<ul style="list-style-type: none"> • Windows Server • RedHat® Enterprise Linux • SuSE® Linux Enterprise Server • CentOS • Ubuntu • Vmware
Management Solution	<ul style="list-style-type: none"> • Software: AMAX Control Center (Classic) • Out of Band Remote Management: On-Board AB11-iKVM
Power Supply (following different configuration by region)	<ul style="list-style-type: none"> • 1+1 Redundant 2600W 80 PLUS Titanium CRPS-R Power Supply
Environment	<ul style="list-style-type: none"> • Operation temperature: 10°C ~ 35°C • Non operation temperature: -40°C ~ 70°C • Non operation humidity: 20% ~ 90% (Non condensing)
Dimensions	<ul style="list-style-type: none"> • 800mm x 439.5mm x 88.9mm (2U) • 31.5" x 17.3" x 3.5"

