

AceleMax[®] AXG-214GC

1-Socket 2U Accelerator Server with 4x PCIe 5.0 GPUs supported



Features

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

Specifications

Processor	<ul style="list-style-type: none"> • 1 x Socket SP5 (LGA 6096) • AMD EPYC™ 9004 series processors • AMD EPYC™ 9004 series processors with AMD 3D V-Cache™ Technology • Up to 128-cores, 256 threads per processor • Up to 400W TDP
Memory	<ul style="list-style-type: none"> • 12 (12-channel per CPU, 12 DIMM per CPU) • Maximum up to 3TB per CPU socket • DDR5 4800/4400 RDIMM/ 3DS RDIMM • 64GB, 32GB, 16GB RDIMM 256GB, 128GB 3DS RDIMM
Expansion Slots	<ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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"> • 2 x 2.5" & 4 x 3.5" Hot-swap Storage Bays • 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)
Networking	<ul style="list-style-type: none"> • LAN: <ul style="list-style-type: none"> 2 x Gigabit LAN ports (Intel I350 Controller) 1 x Management Port

Specifications	
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 Ports	<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	<ul style="list-style-type: none"> • Front: <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 • Rear: <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 ASMB11-iKVM
Power Supply	<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)
Dimension	<ul style="list-style-type: none"> • 800mm x 439.5mm x 88.9mm (2U) • 845.45mm x 439.5mm x 88.9mm (2U) for immersion cooling

