

ServMax® A-2124G

2U Single Socket AMD EPYC 9005, 9004 Series Processor Server



Features

- 1 x AMD EPYC 9005, 9004 Series Processor with DDR5 Memory up to 6000Mhz
- PCIe Gen5 Ready
- Max 2x DW GPU cards supported
*24Nvme SKU can't support GPU
- Rack-optimized Design
- 24 x 2.5" Hot-swap HDD bays

Applications

- Data center Storage Server
- Enterprise Application

Specifications	
Processor Support	<ul style="list-style-type: none"> • 1 x Socket SP5 (LGA 6096) • Supports 5th/4th Generation AMD EPYC Processors • Supports AMD EPYC™ 9005, 9004 series processors (up to 400W)
Core Logic	<ul style="list-style-type: none"> • System on Chip (SOC)
Memory	<ul style="list-style-type: none"> • Total Slots: 24 12-channel, 2 DIMM per channel • Capacity: Maximum up to 6,144GB Memory Type: <ul style="list-style-type: none"> • DDR5 4800/4400/4000/3600 RDIMM/ 3DSRDIMM • 1DPC up to 4800 • 2DPC up to 4000(1R+1R) • 2DPC up to 3600(1R+2R)/(2R+2R) Memory Size: <ul style="list-style-type: none"> • 128GB,64GB, 32GB, 16GB(RDIMM), 128GB, 64GB(LRDIMM), 256GB, 128GB, 64GB (LRDIMM3DS)
Expansion Slots	<ul style="list-style-type: none"> • Total PCIe Slots: Up to 5+1 Slot Type: <ul style="list-style-type: none"> • 2 x PCIe x16 slot (Gen5 x16 link, FHFL) or dual-slot GPU cards or • 4 x PCIe x16 slot (Gen5 x8 link, FHFL)* • 1 x PCIe x16 slot (Gen5 x8 link, LP) • 1 x OCP 3.0 Mezzanine (Gen5 x16 link) *support NOT available on 24 NVMe SKU
Disk Controller	<p>SATA Controller:</p> <ul style="list-style-type: none"> • CPU Integrated <p>SAS Controller:</p> <ul style="list-style-type: none"> • Broadcom Mega RAID 9560-16I • AMAX 3008 8-port SAS HBA card
Storage Bays	<ul style="list-style-type: none"> • 24 x 2.5" hot-swap drive bays • (24 x U.2/U.3 NVMe or 16 x U.2/U.3 NVMe + 8x SATA/SAS or • 12 x U.2/U.3 NVMe + 1 2x SATA/SAS or 8 x U.2/U.3 NVMe + 16 xSATA/SAS) • 2 x 2.5" hot-swap drive bays (Rear-bay support SATAIII) • 2 x M.2 socket (Gen4 x4 link or SATA mode, up to 22110module)
Networking	<p>LAN</p> <ul style="list-style-type: none"> • 1 x Dual Port Intel I350-AM2 Gigabit LAN Controller • 1 x Dedicated Management port

Specifications	
Graphic	<ul style="list-style-type: none"> • VGA: Aspeed AST2600 64MB
Front I/O Ports	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1ports
Rear I/O Ports	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 ports, 1 x VGA port • 2 x RJ-45 GbE LAN ports, • 1 x RJ-45 Management LAN port
Switch/LED	<p>Front Switch/LED:</p> <ul style="list-style-type: none"> • 1 x Power Switch (w/LED) • 1 x Reset Switch • 1 x Location Switch (w/ LED) 1 x HDD Access LED • 1 x MessageLED • LAN 1-2 LED <p>Rear Switch/LED:</p> <ul style="list-style-type: none"> • 1 x Port80 LED (Q-Code) • 1 x Power Switch w/LED • 1 x Location Switch w/ LED • 1 x Message LED
Management Solution	<ul style="list-style-type: none"> • Software: AMAX Control Center (Classic) • On-Board AB11-iKVM for KVM-over-IP
Power Supply (following different configuration by region)	<ul style="list-style-type: none"> • 1+1 Redundant 1600W 80 PLUS Titanium Power Supply • 1+1 Redundant 1200W/1600W 80 PLUS Platinum Power Supply
Environment	<ul style="list-style-type: none"> • Operation temperature: 10°C ~ 35°C • Non operation temperature: -40°C~ 60°C • Non operation humidity: 20% ~ 90% (Non condensing)
Dimension	<ul style="list-style-type: none"> • 840mmx 449mmx 88.1mm(2U) / 33.07" x 17.68" x3.47"

