

ServMax® A-2224G

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



Features

- AMD EPYC 9005, 9004 Series Processors
- PCIe 5.0 Ready
- GPU and FPGA Support
- Enhanced Security

Applications

- Hot Data Cache Server
- Cloud Solution Provider
- Enterprise Storage
- Virtualized Storage

Specifications

Processor Support	<ul style="list-style-type: none"> • 2 x Socket SP5 (LGA 6096) • AMD EPYC™ 9005, 9004 Series Processors (up to 400W) • 5th/4th Generation AMD EPYC Processors
Core Logic	<ul style="list-style-type: none"> • (INTEGRATED I/O – NO CHIPSET)
Memory	<ul style="list-style-type: none"> • Total Slots: 24 (12 channel per CPU, 1 DIMM per CPU) • Capacity: Maximum 6144GB • Memory Type: DDR5 4800/4400 RDIMM/ 3DS RDIMM • Memory Size: 128GB, 64GB, 32GB RDIMM 128GB, 64GB, 32GB 3DS RDIMM
Expansion Slots	<ul style="list-style-type: none"> • Total PCI/PCI-X/PCI-E/PIKE Slots: 9 x Expansion slots Slot Type: <ul style="list-style-type: none"> • Up to 9 PCIe Gen5 slots • 6 x PCIe Gen5 x8 or 3 x PCIe Gen5 x16(FHFL) • 2 x PCIe Gen5 x8 or 1 x PCIe Gen5 x16 or 1 x OCP3.0 (FHFL) • 1 x PCIe Gen5 x16 (LPHL) *GPU SKU do not support OCP3.0
Disk Controller	<p>SATA Controller:</p> <ul style="list-style-type: none"> • 8 x SATA 6Gb/s ports • 2 x M.2 connectors (SATA 6Gb/s & PCI-E Gen4 x4 link) <p>SAS Controller:</p> <ul style="list-style-type: none"> • Broadcom HBA CARD 9500-16i • Broadcom MegaRAID 9540-8i / 9560-16i
Storage Bays	<p>I = internal:</p> <ul style="list-style-type: none"> • 24 x 2.5" Hot-Swap Drive Bays <p>A or S will be hot-swappable:</p> <ul style="list-style-type: none"> • Support up to 16 x NVMe + 8 x NVMe/SATA/SAS* <p>*RAID card is required to support SAS hard drives</p>
Networking	<p>LAN:</p> <ul style="list-style-type: none"> • 1 x Quad Port Intel I350-AM4 1G LAN Controller or 1 x Dual Port Intel X710-AT2 Gigabit 10G LAN Controller or None • 1 x Management Port
Graphic	<ul style="list-style-type: none"> • VGA: Aspeed AST2600 64MB
Auxiliary storage Device Bay	<ul style="list-style-type: none"> • 1 x External ODD (optional)
Front I/O Ports	<ul style="list-style-type: none"> • 2 x USB 3.2 Gen1 ports

Specifications	
Rear I/O Ports	<ul style="list-style-type: none"> • 2 x USB 3.1 Gen1 ports, 1 x VGA port, 1 x RJ-45 Mgmt LAN port • 2 x 10G or 4 x 1G RJ-45 GbE LAN port (Optional), 1 x OCP3.0port (Optional)
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 Message LED, LAN 1-4 LED (on NIC module) <p>Rear Switch/LED:</p> <ul style="list-style-type: none"> • 1 x Port 80 LED (Q-Code), 1 x Power Switch (w/ LED), 1 x Location LED (w/ LED) • 1 x Message LED
OS Support	<ul style="list-style-type: none"> • Windows® Server 2019 • RedHat® Enterprise Linux, SuSE® Linux Enterprise Server • CentOS, Ubuntu, Vmware
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 2000W/1600W 80 PLUS Platinum Power Supply • 1+1 Redundant 2600W/1600W 80 PLUS Titanium 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"> • 840mm x 449mm x 88.1mm / 33.07" x 17.68" x 3.47" (2U)

