

ServMax® A-2124T

2U UP AMD EPYC™ CPU server, 24 storage bays



Features

- 1 x AMD EPYC™ 9005 Series Processor
- With 24*DDR5 DIMM up to 5200Mhz
- PCIe Gen5 slots
- Max 2x DW GPU cards supported
- Rack-optimized design
- 24 x 2.5" Hot-swap HDD bays

Applications

- Data center storage server
- Enterprise application

Specifications

Dimensions	840mm x 449mm x 88.1mm (2U) 33.07" x 17.68" x 3.47"
Processor Support	Supports AMD EPYC™ 9005 or AMD EPYC™ 9004 series processors, Single processor, TDP up to 400W, with AMD 3D V-Cache technology
Socket	1 x LGA 6096 (SP5)
Core Logic	System on Chip (SOC)
Memory	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs AMD EPYC™ 9005 series processors: • DDR5 6400/5600 RDIMM/3DS RDIMM • 2DPC (1 of 2) up to 5200 with "6400 RDIMM", other 4800 • 2DPC (2 of 2, 1R+1R) up to 4400, with "6400 RDIMM", other 4000 • 2DPC (2 of 2, 2R+2R) up to 4000, with "6400 RDIMM", other 3600 AMD™ EPYC 9004 series processors: • DDR5 4800 RDIMM/ 3DS RDIMM • 2DPC (1 of 2) up to 4800 • 2DPC (2 of 2, 1R+1R) up to 4000 • 2DPC (2 of 2, 2R+2R) up to 3600 Capacity: Maximum up to 3,072GB Memory Size: 128GB, 96GB, 64GB, 32GB, 16GB (RDIMM)
Expansion Slots	24 x NVMe: • 1 x LP x8 (Gen5 x8) + 1 x OCP 3.0 (can't support GPU) 16 x NVMe or 12x NVMe: • Up to 5 Gen5 slots + 1 OCP 3.0 • 2 x FHFL x16 (Gen5 x16) or 4 x FHFL x8 (Gen5 x8) • 1 x LP x8 (Gen4 x8) • 1 x OCP3.0 (Gen5 x16)
Storage	Hot-swap: 24 x 2.5" • 24 x U.2/U.3 NVMe • 16 x U.2/U.3 NVMe + 8x SAS/SATA 2 x 2.5" SATAIII rear-bay support

Specifications	
Disk Controller	SATA Controller: CPU Integrated SAS Controller: Optional kits: • Broadcom Mega RAID 9560-16I • AMAX PIKE II 3008 8-port SAS HBA card
Networking	1 x Dual Port Intel I350-AM2 Gigabit LAN
Graphics	Aspeed AST2600 64MB
I/O Ports	Front: • 2 x USB 3.2 Gen1 Rear: • 2 x USB 3.2 Gen1 • 1 x VGA • 2 x RJ45 GbE LAN • 1 x RJ45 Management
Switch/LED	Front: • 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 1-2 LED Rear: • 1 x Port80 LED (Q-Code) • 1 x Power Switch w/ LED • 1 x Location Switch w/ LED • 1 x Message LED
Management Solution	Software: AMAX Control Center (in-band) Out of Band Remote Management: On-Board AB11-iKVM for KVM-over-IP
Power Supply	1+1 2000W/1600W 80 PLUS Titanium redundant power supplies 1+1 1200W 80 PLUS Titanium 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)