

LiquidMax[®] LA-5a Workstation

Single AMD EPYC[™] 9004 (with AMD 3D V-Cache[™] Technology) and 97x4 Series Processors



Features

- Full liquid cooling CPU+GPU to maximize peak performance 24/7
- 7x PCIe5.0 x16/ 1x PCIe5.0 x8
- 6x hot-swap bays, 1x M.2 and 4x U.2

Applications

- AI / ML Workload
- Image recognition
- Smart medical
- Video surveillance
- Mobile communication



Full Liquid Cooling Heat Dissipation

Circular air duct design, no dead corners for heat dissipation. Adjustable fan speed, achieving a balance between efficiency and silence. Closed loop waterway, no leakage risk with leakage alarm mechanism to eliminate hidden dangers.



Heterogeneous Computing Mode, Efficient Upgrade of Computing Power

Single processor, with 7 liquid cooled GPU cards, with an overall hybrid computing power of up to 5.2PFLOPS. GPU graphics memory bandwidth is up to 2000GB/s. Parallel CPU and GPU, for more convenient maintenance.



Intelligent LCD Panel, Provides Real-time Monitoring Status

Intuitively grasp key temperatures and monitor several important parameters of the cooling system in real-time.

LiquidMax® LA-5a Specifications

Processor Support	• Single AMD EPYC™ 9004/9005 (with AMD 3D V-Cache™ Technology) and 97x4 series processors
GPU	• 7 x RTX 6000 Ada OR 4 GeForce RTX 5090 OR 4 GeForce RTX 5080
Socket	• Single socket SP5(LGA6096)
Chipset	• System on Chip
Memory Capacity	• 8 DIMM slots • Up to 2TB ECC DDR5-4800MHz RDIMM/RDIMM-3D
Expansion Slots	• 7 x PCIe 5.0 x16 slots • 1 x PCIe 5.0 x8 slot
Network Connectivity	• 2 x 10GbE RJ45
I/O ports	• 1 x dedicated IPMI • 1 x VGA port • 2 x USB 3.2 • 1 x COM
Storage	• 4 x NVMe U.2) hot swappable drives • 1 x PCIe 4.0 NVMe M.2 (2280/22110)
System Management	• Built-in Server management tool (IPMI 2.0, KVM/media over LAN) with dedicated LAN port
Operating Properties	• Operation temperature: 5°C ~ 30°C • Non operation temperature: 5°C to 60°C • Non operation humidity: 20% ~ 90% (Non condensing)
Chassis	• Tower
Power Supply	• Dual 1600W high efficiency power supply
System Dimensions (H x W x D)	• 666.3 mm x 380 mm x 585 mm

