

LiquidMax[®] LX-5a Pro Workstation

Dual 4th and 5th Gen Intel[®] Xeon[®] Scalable Series Processors



Features

- Full liquid cooling CPU+GPU to maximize peak performance 24/7
- 5 x PCIe Gen5 X16 link, 1 x PCIe Gen5 x8 link
- 6x hot-swap bays, 1x M.2 and 2x 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

Dual processor, with 4 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.

Specifications	
Processor Support	<ul style="list-style-type: none"> • Dual 5th and 4th Gen Intel® Xeon® Scalable series processor, • cTDP up to 350W
GPU	<ul style="list-style-type: none"> • L40s, H100
Core Logic	<ul style="list-style-type: none"> • Intel C741 Chipset
Memory Capacity	<ul style="list-style-type: none"> • 16 x DDR5 DIMM (8-channel per CPU, 8DIMM per CPU) • Up to 2TB per CPU socket
Expansion Slots	<ul style="list-style-type: none"> • 6 x PCIe5.0 x16 slots • 1 x PCIe5.0 x8 slots
Network Connectivity	<ul style="list-style-type: none"> • 2 x 10GbE LAN ports (RJ45)
I/O ports	<ul style="list-style-type: none"> • 2 x USB3.2 • 1 x Serial Port • 1 x VGA • 2 x 10GbE LAN ports • 1 x Mgmt Port
Storage	<ul style="list-style-type: none"> • 8 x 3.5"/2.5" SATA/SAS (including 4 x NVMe) hot-swappable drives • 1 x PCIe4.0 NVMe M.2 (2280/22110)
Chassis	<ul style="list-style-type: none"> • Tower
Power Supply	<ul style="list-style-type: none"> • 2 x 1600W power supply
System Dimensions (H x W x D)	<ul style="list-style-type: none"> • 660mm x 380mm x 611mm

