

LiquidMax™ LX-2

As data science teams tackle larger data sets and more complicated models under the pressure of tighter delivery dates, existing workstations are no longer sufficient to meet their computing performance needs.

The LiquidMax™ LX-2 by AMAX Engineering is a powerful HPC system that meets the intense requirements of AI and other cognitive computing demands without dependency on cloud platforms or on-premise clusters. Created in the AMAX Liquid Cooling Innovation Lab, this liquid-cooled workstation solution provides data center performance in a simple, quiet, and convenient package.

With the energy-efficient LiquidMax™ LX-2 data center workstation, data scientists experience minimal network delays and reduced data transfers while reducing impact on the environment.



Big Power, Compact Space

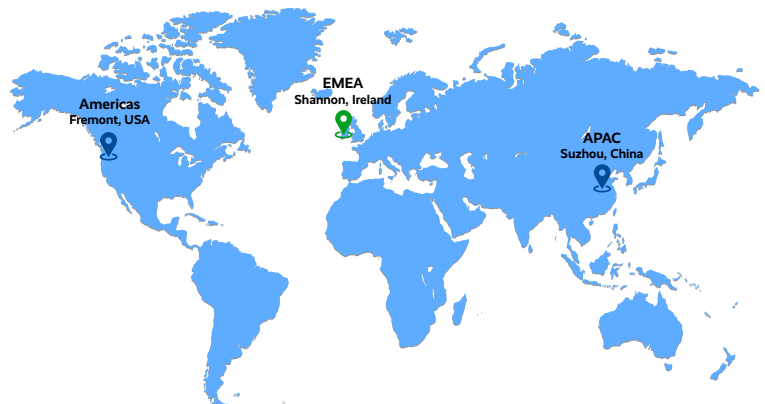
- Get data center performance in convenient workstation form—on wheels!
- Designed for office or classroom use with easy installation and no IT infrastructure requirements

Top Grade Custom Configurations

- Up to 80 cores Dual 3rd Gen Intel Xeon CPU
- Choice of 4-7x NVIDIA A6000 or A100 GPU cards
- Up to 160TB 8x Hot Swappable SATA HDD
- Up to 8TB 2x M.2 OS Drive
- Up to 6TB RAM

Safe and Secure

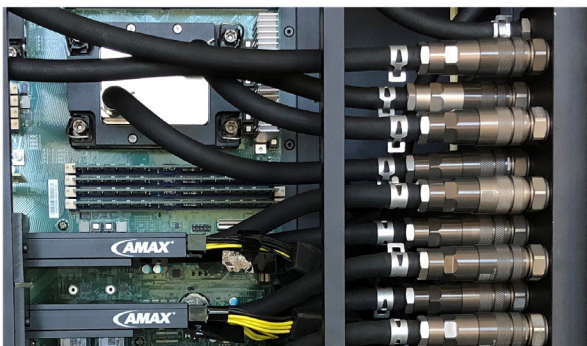
- Built in ISO-Certified facilities
- Global technical support in US, EMEA, and APAC
- Includes original system and component warranty



	AMAX LiquidMax™ LX-2	Non-AMAX Workstations
CPU Configurations	Dual 3rd Gen Intel Xeon CPU, up to 80 cores	Single AMD 2nd Gen EPYC 7742 CPU with 64 cores
GPU Configurations	<ul style="list-style-type: none"> • 4-7x NVIDIA A100 80GB GPUs • 4-7x NVIDIA A100 40GB GPUs • 4-7x NVIDIA A6000 GPUs 	<ul style="list-style-type: none"> • 4x NVIDIA A100 80GB GPUs • 4x NVIDIA A100 40GB GPUs
Memory Configurations	Up to 4TB DDR4 or 6TB Intel Optane Memory 200 Series	512GB DDR4 Only
Storage	OS: Up to 8TB M.2 SSD External Storage Up to 160TB via 8x 3.5" Hot Swappable SATA Drives	OS: 1x 1.92 TB NVME Internal Storage: 7.68 TB U.2 NVME
Network	Dual 10Gbps, can upgrade to 400Gbps NVIDIA ConnectX-7 NIC	Dual 10Gbps, Single 1Gbps for BMC Management
Power	Dual 1.6kW at 100-240V	Single 1.5kW at 100-120V
System Dimension (H x W x D)	629 x 319 x 670mm	639 x 256 x 518mm
Noise Level	<55 dB	<37 dB

Patented Design with Industrial Grade Components

- Patented CPU cold plate design
- Industrial grade hose connectors and pipes
- Designed and engineered by AMAX



User-Friendly Design with Practical Benefits

- Wheels make it easy to install and move around
- LCD monitors display key safety functions in real-time for peace of mind
- Top off liquid coolant easily with convenient reservoir spout



More Performance, Less Energy

- Liquid cooling maximizes processor performance
- Eco-friendly design for increased sustainability
- Liquid coolant is non-toxic, biodegradable, and energy-efficient

To see how the LiquidMax™ LX-2 by AMAX improves the way you work, contact our team today for a free consultation at sales@amax.com