



## LiquidMax™ TL40-X3

Smart Computing, Ultra Quiet

Dual Socket, 4x PCIe 4.0 GPU Tower Workstation

- Integrated with dual socket 3rd Gen Intel® Xeon® Scalable series processors
- Supports 4 FHFL GPUs
- Utilizes CPU+GPU full liquid cooling solution
- The noise level of the entire workstation at full load is 55dB
- 10 x 3.5"/2.5"+2 x 2.5" internal hard disk bays

[DOWNLOAD DATA SHEET \(/WP-CONTENT/UPLOADS/2021/12/LIQUID-COOLING-LIQUIDMAXTL40-X3WORKSTATION-DS.PDF\)](#)

## Overview

### Liquid Cooling Components

CPUs and GPUs are the components that generate the most heat inside the workstation. As a result, we need to ensure that the heat generated by these components is quickly dissipated away in a very short time, to ensure the workstation operates efficiently.

For workstations with 4 high performance GPUs, the choice of heat dissipation method is very important. After repeated tests and comparisons, AMAX has chosen a GPU parallel cooling design. After the liquid is cooled, it will flow through all GPUs in parallel at the same time, and after the heat is taken away as a whole, it will be returned to the cold row for heat dissipation. This ensures that all GPUs are always operating in a low temperature state.

### Smart LCD Panel, Air Duct Design

The LiquidMax™ TL40-X3 workstation contains multiple temperature detectors to monitor the highest temperature inside the machine in real time. Real-time monitoring of fan speed.

Real-time monitoring of liquid flow rate, water level and temperature. It incorporates high-efficiency circulating air duct design, and the air outlet fan speed can be adjusted to ensure ventilation and improve heat dissipation efficiency.

### Applications:

Image recognition, Autonomous driving, Online teaching, Smart medical, Video surveillance, and Mobile communication.

## Product Highlights

## Specifications

### **ABOUT US**

([HTTPS://WWW.AMAX.COM/ABOUT-US/](https://www.amax.com/about-us/))

**BLOG** ([HTTPS://WWW.AMAX.COM/BLOGS/](https://www.amax.com/blogs/))

### **CUSTOMER PORTAL**

([HTTPS://WEBPORTAL.AMAX.COM/HOME/LOGIN.CSHTML](https://webportal.amax.com/home/login.cshtml))

**NEWSROOM** ([/COMPANY/NEWSROOM/](/company/newsroom/))

### **CUSTOMER FEEDBACK**

([HTTPS://WWW.AMAX.COM/CUSTOMER-FEEDBACK-FORM/](https://www.amax.com/customer-feedback-form/))

### **ABOUT AMAX**

As an award-winning global leader in application-tailored cloud, data center, open architecture platforms, HPC, Deep Learning and OEM server manufacturing solutions, we help companies build turnkey appliances and bring technology innovation to market faster with greater quality, security and at any scale.



(<https://twitter.com/AMAXTechnology>)



(<https://www.linkedin.com/company/amax-engineering>)

AMAX Engineering. All rights reserved.

[Terms of Service \(https://www.amax.com/terms-of-service/\)](https://www.amax.com/terms-of-service/)

[Privacy Policy \(https://www.amax.com/privacy-policy/\)](https://www.amax.com/privacy-policy/)