

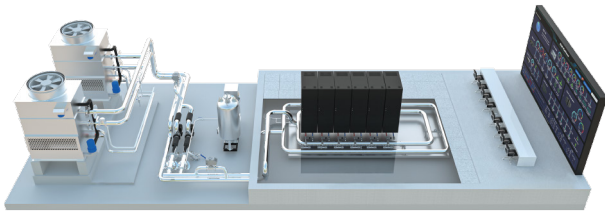


# Liquid Cooling Portfolio

Next-Generation Cooling for High-Density Computing



## Compact Data Center Solution (CDCS)



**The Compact Data Center Solution (CDCS)** is a fully integrated, on-premises solution that combines high-density computing, advanced liquid cooling, and intelligent cluster management into a unified, scalable infrastructure.

- High-density, Direct-to-Chip (D2C) liquid-cooled racks
- Real-time monitoring for proactive maintenance
- Flexible setups for hybrid cooling solutions
- Supports up to 0.5 MW for high-density AI workloads

## The [INTELLI]Rack® POD



**The [INTELLI]Rack® POD** solutions offer a flexible range of OCP ORv3-inspired, liquid-cooled rack solutions, including liquid-to-liquid and liquid-to-air w/ sidecar cooling.

- High-density, liquid-cooled racks dissipate up to 100kW per rack
- Front-side, tool-free servicing with blind-mate connections for quick maintenance
- Advanced management control system monitors flow rates, temperatures, and pump speeds in real time
- Server architecture supports the latest NVIDIA GPUs



**Did you know? AMAX designs and manufactures custom liquid cooling solutions from data center to edge. Speak to our team of expert engineers to explore a solution built for your needs.**

## Liquid Cooled HPC Appliance



**The Liquid Cooled HPC Appliance** delivers a high-density rack solution with custom-designed chassis and liquid cooling system, for demanding industrial manufacturing environments.

- Multi-stage liquid cooling with D2C and RDHx enables 100% heat removal
- Seismic cabinet design enhances stability in geologically active environments (seismic zones 0-4)
- Rack level monitoring with active leak detection, built-in leak tray, and emergency shut-off
- Low-noise operation (<65dB at full load) meeting safety standards for production floor environments

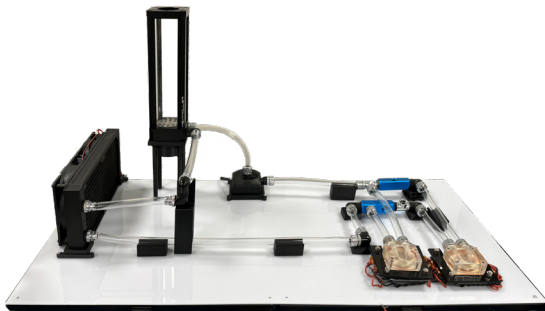
## Immersion Cooling Tank



**The AMAX Immersion Cooling Tank** fully immerses servers in single-phase dielectric fluid, enabling high-density computing, efficient heat dissipation, and reduced energy consumption. For advanced cooling needs, AMAX also provides expertise in two-phase immersion solutions.

- Higher power density eliminates fans, enabling compact, high-density configurations
- Modular design with customizable chamber size for flexible deployment
- Optimized cooling capacity ensures uniform heat dissipation and lower PUE
- Silent operation minimizes noise and vibration for improved reliability

## Pumped Two-Phase System



**AMAX's Pumped Two-Phase System** is designed for next-generation high-density computing, utilizing a sealed, pumped loop to efficiently manage extreme heat loads through advanced phase-change technology while reducing energy consumption.

- Two-phase cooling enables efficient heat absorption and dissipation through liquid and gaseous states
- Closed-loop design reduces maintenance and eliminates fluid contamination risks
- Scalable architecture supports future high-density AI and HPC deployments

Discover AMAX's Advanced Liquid Cooling Solutions at [amax.com](https://www.amax.com)