

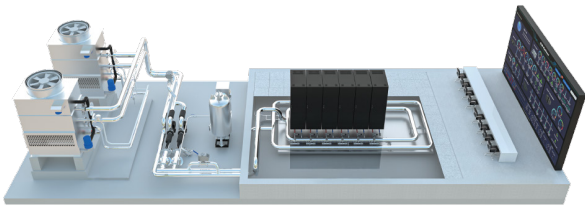


Liquid Cooling Portfolio

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

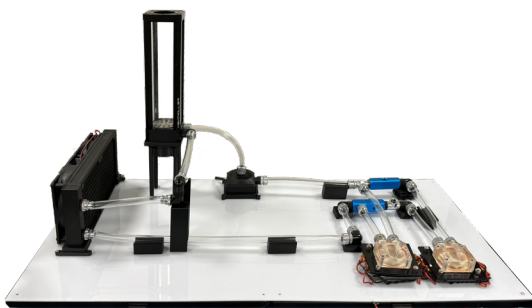
Immersion Cooling Tank



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)