

What is Direct Liquid Cooling? At a high level, liquid cooling refers to any cooling technology that brings liquid, such as water or coolant, to the rack. This is an umbrella term that captures ...

High-density server rack cooling solutions include liquid cooling, rear-door heat exchangers, containment systems, in-row cooling, and immersion cooling. These systems ...

The higher inlet temperature eliminates the need for chilled water, chiller compressor equipment cost, and additional power usage, saving up to 40% of data center ...

Data Center Liquid Cooling & Immersion Cooling Running a data center, it consumes enormous power to operate and maintain servers, networking equipment, cooling systems, and other ...

Servers that are application-optimized for AI, HPC, and Analytics require the latest in CPU and GPU technologies, which run hotter than previous generations. Multiple CPUs and GPUs per ...

As power-hungry AI and HPC workloads rise, traditional air cooling falls short. Discover why hyperscale data centers are adopting liquid cooling in 2025 for better ...

Vik Malyala, Senior Vice President at Supermicro, compares and contrasts the best liquid cooling solutions for your data centre. Data centres consume between 1% and 3% ...

Cooling is one of the most critical aspects of server rack design and data center operation. From basic passive convection to advanced liquid cooling and AI-powered airflow ...

Great Lakes Water-Cooled rack cabinet provides an integrated closed-loop cooling system, saves on floor space, power consumption and maintenance. For free server cooling consultation call ...

Liquid and Air Cooling Solutions for AI Data Centers and GPU Systems The newly-launched 1.5MW L2L (liquid-to-liquid) CDU, approved into the privileged NVIDIA RVL ...

A data center liquid cooling system is an advanced thermal management solution designed to remove heat from servers and IT equipment using liquid rather than air.

As the Rack becomes the new unit for scalable computing, engineering a liquid cooled rack requires careful planning and expert assembly. A liquid cooling solution needs to be flexible ...

