

Singapore Liquid Cooling





Overview

Is liquid cooling a sustainable technology?

PS Lee, founder of Singapore start-up CoolestDC, believes that liquid cooling is an overlooked technology that can give enterprises and data center operators in tropical locations a sustainability boost with substantially reduced energy consumption.

What is liquid cooling?

The ever-growing thermal design power (TDP) of CPUs and the increasing use of GPUs in recent years have put liquid cooling in the spotlight. Historically, liquid cooling is reserved for high-performance computing applications or high-density deployments.

What is direct liquid cooling?

Innovative 100% fanless Direct Liquid Cooling and other liquid cooling solutions are used for the most demanding workloads. Future-focused cooling for optimizing compute-intensive AI and HPC workloads. The most effective way to cool next-generation AI systems is through Direct Liquid Cooling.

Can a data center support a liquid cooling system?

“We have had interest from data center operators [looking to] develop their facility to support liquid cooling system as well as server manufacturers who are providing full warranty to integrate our cooling system in their servers,” said Lee.

Does coolestdc offer liquid cooling solutions?

One of our available liquid cooling solutions is the Liquid Cooled Compute Pod (LCCP) which can be sold as a stand-alone unit. CoolestDC has a wide range of liquid cooling solutions which are configured to the unique needs of each of our customers and potential customers. For more information, please click to [contact us](#).



How does liquid cooling work?

The top performing compute systems need the most efficient liquid cooling. Coolant flows through a network of tubes and cold plates to extract heat directly from all components on the server. Combined Direct Liquid Cooling and air cooling. Chilled water supply from the facility cools down the air-cooling system positioned close to the servers.



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[Gleaming in Singapore: Kehua Unveils Full-Scenario Liquid Cooling](#)

As a data center expert with years of industry experience, Kehua has brought its latest full-scenario liquid cooling data center solutions to the Data Centre World Asia exhibition ...

[Neptune®, Data Center & GPU Liquid Cooling Technologies](#)

Lenovo Neptune offers liquid cooling technologies to improve energy efficiency and boost AI performance. Discover data center cooling solutions, server and GPU liquid cooling, water ...



[Singapore startup wants to bring liquid-cooled servers to the masses](#)

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[The Innovative Water Cooling PC Path: Turbocharge Your Gaming](#)

Water cooling PC system (or liquid cooling) is a method of cooling central processing unit (CPU) or graphics processing unit (GPU) using liquid



coolant instead of air. A water-cooled PC ...



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