

Thailand Data Center Cold Aisle Immersion Liquid Cooling



Overview

- Cooling Methods: Support water cooling, immersion, phase change cooling and other full-scenario Need Data Center Liquid Cooling Solutions?

In-depth research on 62 Thailand data center projects, 6. 6GW reserve capacity analysis, liquid cooling technology special. A CRAC unit is a self-contained system that cools and dehumidifies air using a direct expansion refrigeration cycle. How do these units stack up?

Pros: CRAC units are relatively simple to. Why 65% of Projects Concentrated in EEC?

Suitable for AI training, HPC, GPU clusters Suitable for GPU inference, high-density computing Suitable for cloud regions, AI supercomputing Suitable for 200MW+ hyperscale campuses Yooheon liquid cooled loadbank is professional test equipment for data center. The Thailand Data Center Cooling Market report segments the industry into Cooling Technology (Air-based Cooling, Liquid-based Cooling), Type (Hyperscalers (Owned and Leased), Enterprise (On-premise), Colocation), End-user Industry (IT and Telecom, Retail and Consumer Goods, Healthcare, Media and. Bangkok, Thailand, 24 April 2025 — ST Telemedia Global Data Centres (STT GDC), a leading data centre service provider in Asia, today announced the launch of a direct-to-chip liquid cooling showcase at its flagship STT Bangkok 1 data centre facility. The Data Center. In the humid and tropical climate of Thailand, data centers face unique challenges when it comes to maintaining optimal operating temperatures.

Article Content

Immersion Cooling for data centers: An exotic inevitability?

For now, Nvidia recommends using direct-to-chip (D2C) cooling, wherein a cold plate with liquid running through it is mated with the processor, for

Optimization of data-center immersion cooling using liquid air energy ...

To address the inefficiency of discharging in liquid air storage energy and overcome the challenges posed by highly dense and integrated data centers, this paper proposes a liquid air-based

Liquid cooling of data centers: A necessity facing challenges

Immersion cooling has the potential of reducing infrastructure size by one-third of air cooled data centers. Single-phase immersion cooling, while the most simple to implement, is limited

Thailand Data Center Liquid Cooling Market (2025-2031)

With the growing demand for data centers in Thailand, the Data Center Liquid Cooling Market is gaining prominence. Liquid cooling solutions help manage the heat generated by servers and IT equipment

Advancement of Liquid Immersion Cooling for Data Centers

This paper reviews the current state and prospects of liquid immersion cooling technologies for data centers by paper analyzing.

Data Center Cooling: Precision Air Solutions 2025

A guide to modern data center cooling. Discover the hot aisle containment, liquid cooling, and emerging 2025 trends to enhance energy

Immersion Cooling Data Centers | Hyperscale Builds 2025

Enter immersion cooling, once a niche technology used for experimental high-performance computing, now becoming mainstream in

Innovative Cooling Strategies for Modern Data Centers in Thailand

This blog post explores innovative cooling strategies that are revolutionising modern data centres across Thailand, ensuring they operate smoothly while minimising environmental impact.

Thailand Data Center Cooling in the Real World: 5 Uses You

A major Thai financial institution recently adopted immersion cooling for its AI research center, resulting in a 30% reduction in cooling energy and a smaller physical footprint.

Cooling Solutions

Explore Delta's diverse range of cooling solutions, spanning from air to liquid types, meticulously designed to meet your specific requirements. Refer to the chart below for valuable insights into

Datacenter Anatomy Part 2 – Cooling Systems

In the second part of this series exploring Datacenter infrastructure and technologies, we'll focus on Cooling Systems. Nvidia shook the entire

Why Liquid Cooling Is the New Standard for Data

Discover why liquid cooling is replacing air systems in modern data centers. Explore its role in AI workloads, energy savings, and sustainability in

#datacenter #immersioncooling #liquidcooling #ai # ...

Now the technology is accessible to colocations, enterprise data centers, and AI-native operators. The question isn't whether liquid cooling will become the standard.

2026 Thailand Data Center Liquid Cooling Review | Yoohoon

In-depth research on 62 Thailand data center projects, 6.6GW reserve capacity analysis, liquid cooling technology special study. Yoohoon provides liquid cooled loadbank, CDU, intelligent busbar and

Choosing the Right Cooling Path for AI-Powered Data

While hyperscalers have led the way, many data center operators are still exploring what liquid cooling entails and how to implement it effectively. There are four

Data Center Cooling: Future of Cooling Systems,

How will data center owners and operators respond? I believe that future cooling technologies like liquid and immersion cooling will play a critical

ST Telemedia Global Data Centres Unveils Direct-to

This showcase highlights the advanced cooling technologies already in use at the facility, which has recently achieved certification in the NVIDIA DGX

Thailand Data Center Cooling Market Size & Share 2031

Thailand Data Center Cooling analysis includes a market forecast outlook for 2025 to 2031 and historical overview. Get a sample of this industry

Stulz: Liquid Cooling Solutions for Data Centers

Your partner for integrated liquid cooling infrastructures. Discover direct-to-chip and immersion cooling for high-performance computing and data centers.

Thailand Data Center Cooling Market Size & Share 2031

The Thailand Data Center Cooling Market size is expected to reach USD 29.19 million in 2025 and grow at a CAGR of 11.98% to reach USD 57.56

(PDF) The Data Center as a Computer: Designing

PDF | On Jan 1, 2026, Luiz André Barroso and others published The Data Center as a Computer: Designing Warehouse-Scale Machines | Find, read and cite all the

The Four Techniques You Need to Know to Cool AI

There are four base design options for liquid cooling to consider: traditional hot/cold aisle containment, rear-door heat exchangers, direct-to-chip

Air vs Liquid vs Immersion: Best Cooling for Your Data Center

Compare air, liquid, and immersion cooling methods for data centers. Discover which is best for performance, energy efficiency, and future growth with Onfra.io.

Liquid & Immersion Cooling in Colocation

Discover how colocation sites are adapting to liquid and immersion cooling in 2025. Learn why these technologies are essential for AI, HPC, and

Data Center Cooling

How are data centers cooled? find out in this video on how data centres are cooled. covering CRAC units, cold aisle containment, hot aisle containment, susp...

Contact Us

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