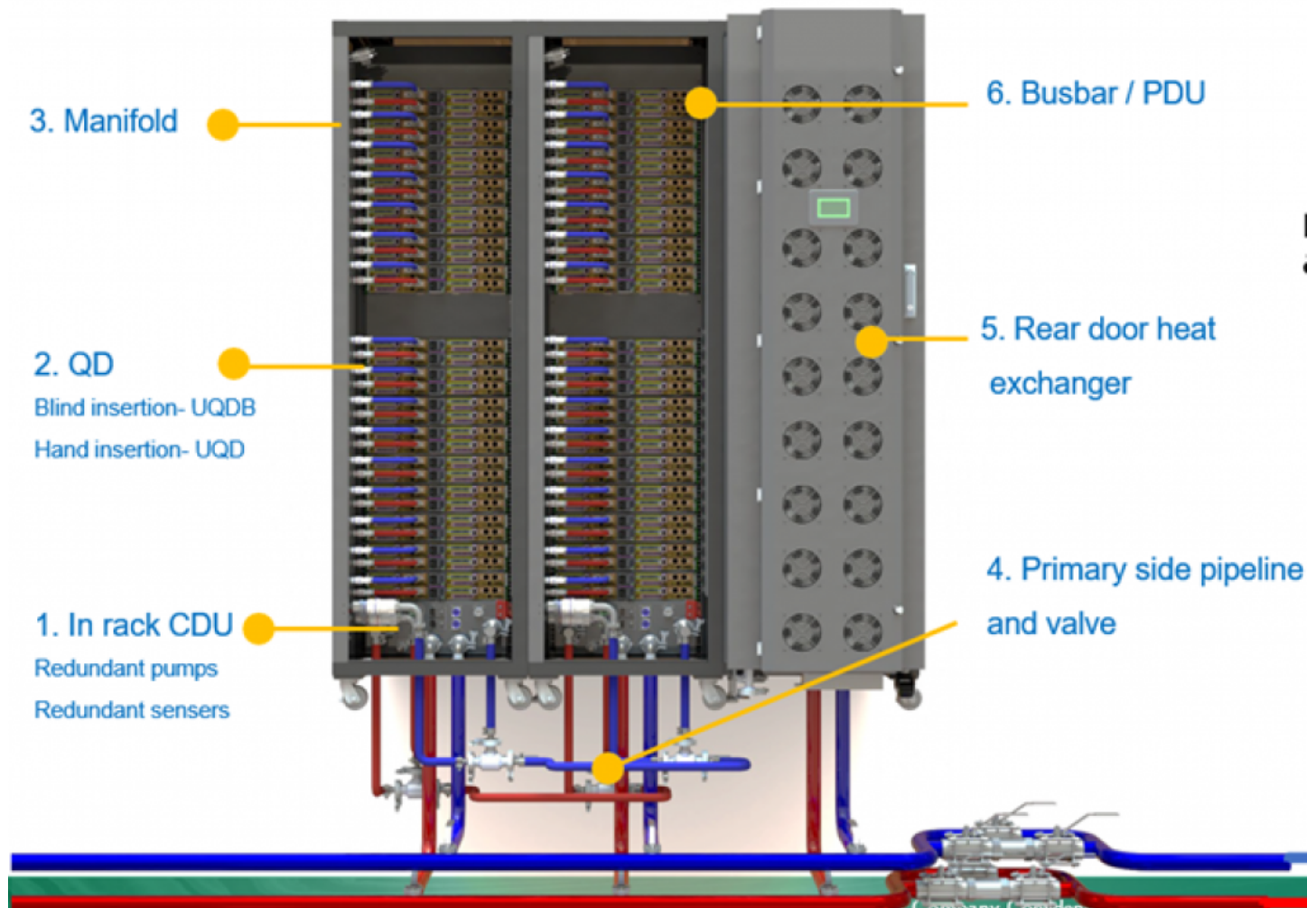


DeepCoolAI and Cisco Partner to Engineer the Future of AI Data Centers



Fremont, California Feb 22, 2025 ([Issuewire.com](https://www.issuewire.com)) - As artificial intelligence (AI) workloads continue to push computing infrastructure to its limits, **DeepCoolAI** and **Cisco** have entered into a strategic partnership to deliver cutting-edge **liquid cooling solutions** that optimize thermal management, energy efficiency, and performance in high-density AI data centers.

Addressing the Cooling Challenge for AI Workloads

The rapid adoption of **AI, machine learning (ML), and high-performance computing (HPC)** is driving unprecedented power densities in modern data centers, creating new challenges in **heat dissipation and cooling efficiency**. Traditional air-cooling methods struggle to keep up with the intense thermal loads of AI servers, leading to inefficiencies, increased energy consumption, and potential performance throttling.

To address these challenges, **DeepCoolAI and Cisco** are collaborating to integrate next- generation liquid cooling technology into Cisco's AI infrastructure.

Integrated Liquid Cooling Solution

The partnership leverages the strengths of both companies to deliver a **best-in-class cooling ecosystem**, with Phase One of the solution undergoing validation:

Cisco UCS and Nexus Data Center Platforms – Engineered to support AI-intensive workloads and deliver scalable computing power.

DeepCoolAI's TOOFAN RDHx Rear Door Heat Exchanger in partnership with **Sanmina** – A high-performance liquid cooling system that seamlessly integrates Cisco's servers and network switches, significantly enhancing cooling efficiency.

Unlocking Unmatched Data Center Performance

By integrating **DeepCoolAI's TOOFAN RDHx liquid cooling technology** with Cisco's advanced **AI data center platforms**, this collaboration offers multiple benefits for AI-driven data centers:

- **Enhanced Thermal Dissipation:** Efficiently removes extreme heat loads from high-performance racks, maintaining a **room-neutral environment**.
- **Optimized Energy Efficiency:** Reduces **PUE (Power Usage Effectiveness)**, lowering operational costs and improving sustainability.
- **Seamless Integration:** Enables high-density AI cluster deployment **without requiring extensive infrastructure modifications**.
- **Scalability for Future AI Demands:** Simplifies migration to **direct-to-chip cooling**, unlocking even greater **thermal and energy efficiency**.

A Commitment to Sustainable and Scalable AI Infrastructure

DeepCoolAI and Cisco are united in their mission to develop **future-ready AI data centers** that deliver both **high performance and sustainability**. By harnessing innovative **liquid cooling solutions**, the partnership aims to **set a new standard** in AI infrastructure design, ensuring data centers can **support next-generation workloads with maximum efficiency**.

*"As AI computing requirements continue to escalate, efficient thermal management has become a mission-critical challenge for data centers," said **Kris Holla, Founder & CEO of DeepCoolAI**. "This collaboration with Cisco marks a significant milestone in our journey to redefine cooling efficiency for AI-driven workloads."*

*"We're excited to work with DeepCoolAI to develop innovative cooling solutions that seamlessly integrate with Cisco's AI data center infrastructure," said **Fabio Gori, Vice President, Engineering Alliances**. "By combining our expertise, we are creating high-performance, scalable AI environments that meet the demands of next-generation computing."*

About DeepCoolAI

DeepCoolAI offers a comprehensive range of solutions for liquid cooling, including **CDUs, Load Banks, Refill Carts**, and supporting products such as **RDHx** and **Fanwalls**. We specialize in custom-tailored

CDUs, providing bespoke solutions for data centers ranging from **1 megawatt to 6 megawatts**. Our plug-and-play Load Banks are designed to streamline the commissioning and startup of AI liquid-cooled data centers. Additionally, our state-of-the-art Refill Carts ensure that your liquid-cooled servers and CDUs remain operational, helping you maximize uptime.

DeepCoolAI is a one stop factory direct liquid cooling for Next Gen AI Data Centers. Visit www.deepcoolai.com for more information and sales@deepcoolai.com.

About Cisco

Cisco (NASDAQ: CSCO) is the worldwide technology leader that securely connects everything to make anything possible. Our purpose is to power an inclusive future for all by helping our customers reimagine their applications, power hybrid work, secure their enterprise, transform their infrastructure, and meet their sustainability goals. Discover more on The Newsroom and follow us on Twitter at [@Cisco](https://twitter.com/Cisco).

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For more information about **DeepCoolAI and Cisco's AI cooling solutions**, please contact:

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#DeepCoolAI #Cisco #LiquidCooling #AIDataCenters #HPC #SustainableIT #Innovation#Alliance Partnership

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