North Korean Data Center Liquid-Cooled Cabinet Brands

Overview

North Korea Data Center Liquid Cooling Market (2025-2031. The Data Center Liquid Cooling market in North Korea faces significant hurdles due to outdated.

Key Takeaways

Leading liquid-cooled cabinet brands include Asetek, Vertiv, Schneider Electric, Iceotope, Green Revolution Cooling, and Daikin Applied, offering immersion, direct-to-chip, and modular solutions for high-density data centers. Key Liquid Cooling Brands and Technologies1. Asetek Inc.

Asetek specializes in direct-to-chip and immersion cooling, providing patented solutions that reduce heat and power consumption for high-density workloads, including AI and hyperscale environments. 2. Vertiv Vertiv offers Liebert XDU Coolant Distribution Units and hybrid liquid-to-air systems, supporting rear-door heat exchangers and direct-to-chip cold plates.

Their solutions integrate with existing air-cooling infrastructure and include leak detection for safety. 3. Schneider Electric Schneider Electric provides direct-to-chip liquid cooling and high-capacity thermal solutions, enhanced by its acquisition of Motivair.

Their systems aim to lower PUE and support sustainable, high-performance data centers. 4. Iceotope Technologies Iceotope delivers chassis-level liquid cooling for near-silent, high-density installations, suitable for edge and enterprise data centers.

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Their modular designs enable energy and water savings while maintaining serviceability. 5. Green Revolution Cooling (GRC) GRC focuses on single-phase immersion cooling, widely adopted for AI, blockchain, and HPC workloads.

Their liquid submersion tanks allow efficient management of massive heat loads. 6. Daikin Applied Daikin offers modular, pre-engineered liquid cooling solutions, including hybrid and liquid-to-chip systems.

Their portfolio supports rapid deployment, scalability, and high-density AI workloads. 7.

Other Notable Brands

Fujitsu Limited: Integrated direct cooling solutions for enterprise and hyperscale data centers. Hewlett Packard Enterprise (HPE): Direct liquid cooling for servers and supercomputers. Mitsubishi Heavy Industries: Precision liquid cooling for Tier 1–4 data centers.

Liquid

Stack and Midas Immersion Cooling: Two-phase immersion systems for extreme densities. Cooling ApproachesDirect-to-Chip Cooling: Coolant flows directly to CPU/GPU cold plates, handling up to ~75% of IT load efficiently. Immersion Cooling: Servers are submerged in dielectric fluids, offering high energy efficiency and reduced facility power consumption.

Hybrid Systems: Combine air and liquid cooling to optimize energy use and manage high-density racks. These brands and technologies represent the current global leaders in liquid-cooled data center cabinets, suitable for high-density, AI-intensive, or energy-conscious deployments. While specific adoption in North Korea is not publicly documented, these solutions are widely recognized for their efficiency, modularity, and sustainability.

Article Content

North Korea Data Center Liquid Cooling Market (2025-2031 ...

The Data Center Liquid Cooling market in North Korea faces significant hurdles due to outdated cooling infrastructure and limited access to advanced liquid cooling technologies.

Products-KSTAR

The liquid-cooled cabinet serves as the carrier for liquid-cooled IT equipment and typically consists of quick connectors, water distribution manifolds, liquid leakage detection ropes, power distribution

LiquidCool Solutions: Immersion-Cooled Rack Servers

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LiquidCool Solutions is the only company combining Total Liquid Immersion with Directed Flow (direct-to-chip) in a standard 19″ rack. Because liquid cools 1,000x

Top 10: Liquid Cooling Companies | Data Centre Magazine

Discover the leading liquid cooling companies transforming data centre infrastructure with sustainable, high-performance thermal management solutions

North Korea Data Center Cooling Market (2025-2031) | Trends,

North Korea Data Center Cooling Market Overview The Data Center Cooling market in North Korea is small, focusing on maintaining the optimal operating conditions for data centers. As data center

Liquid Cooling

Increase the effectiveness and sustainability of your data centers with Aivres liquid-cooled solutions. The swifter heat dissipation offered by liquid cooling technology ensures optimal operating temperatures

OceanCool – Immersion Liquid Cooling

OceanCool immersion cooling solution combines performance, energy saving, and reliability, and is the cooling solution of choice for future-proof green, low-carbon, high-density data centers.

Top 10: Liquid Cooling Companies | Data Centre Magazine

Within the data centre sector, liquid cooling refers to removing heat from data centre components using a liquid coolant instead of air. As the industry confronts sustainability challenges,

Data Center Liquid Cooling Market

Data center liquid cooling uses liquids such as water or refrigerants instead of air to cool data centers. This allows the cooling medium to be placed closer to heat sources, reducing or eliminating the need

12 Best Data Center Cooling Companies in 2026 [Full Review]

Discover how innovative data cooling companies are revolutionizing data center cooling with sustainable solutions that slash energy use.

South Korea Liquid Cooled Energy Storage Cabinet Market Tech

The South Korea Liquid Cooled Energy Storage Cabinet Market is experiencing rapid evolution driven by technological innovation, regulatory shifts, and changing consumer demands.

Liquid Cooled Outdoor Cabinet Market Outlook 2026-2032

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Liquid cooled outdoor cabinets are specialized enclosures designed for energy storage systems operating in outdoor environments. These cabinets utilize liquid cooling technology to efficiently

North Korea Data Center Liquid Cooling Market (2025-2031 ...

North Korea Data Center Liquid Cooling Market Overview Data Center Liquid Cooling is an emerging market in North Korea, offering solutions for more efficient heat management in data centers. This

Liquid Cooled Cabinet Market Size and Key Trends 2026-2033

Liquid Cooled Cabinet Market Key Insights 2026-2033 Market size (2025): USD 2.1 billion Forecast (2033): USD 4.8 billion CAGR 2026-2033: 11.2% Leading Segments: Data Center Cooling,

For Lenovo in RTP, cooling data centers is a growing challenge ...

Last year, the Triangle added another major liquid-cooling company when the United Kingdom-based Iceotope established its North American headquarters in Raleigh.

Modular Liquid-Cooled Energy Storage Outdoor Cabinet Market

The Modular Liquid-Cooled Energy Storage Outdoor Cabinet Market is witnessing significant growth due to increasing demand for advanced thermal management solutions in energy

South Korea Liquid Cooled Cabinet Market Size, Revenue ...

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China Data Center Server Market Analysis Report 2031

Policies mandate 50% renewable power by 2027, driving server buyers toward energy-efficient liquid-cooled architectures. Incentives therefore widen regional capacity while lifting premium

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