

High-density 19-inch chassis with immersion liquid cooling



Overview

Explore high-density 1U, liquid-cooling-ready 19-inch server chassis with IoT monitoring—compare specs, suppliers, and regional availability for AI and HPC deployments. We are proud to introduce our HRM-4 (Hypotherm Rack Mount), closed immersion cooling in 19" racks, offering hot-swappable I/O capabilities and a modular architecture. The HRM operates silently and is inspired by the principles of Open Compute, providing an innovative, scalable solution for modern. The Alphacool ES 4U ServerRack has been specifically optimised to accommodate water cooling sets that can dissipate up to 2400W of waste heat in this enclosure. For this purpose, the enclosure not only offers a mounting frame for a maximum of one 3x120mm full copper radiator of the Alphacool. Our SlideSX®-LC is designed for 100% liquid cooled HPC solutions. Each chassis is individually configured according to the customer's requirements and produced in accordance with highest quality requirements. 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 better than air, we can provide. I have completed a comprehensive market and product trend analysis for 19-inch server chassis. The market is currently being reshaped by AI and High-Performance Computing. The ThinkSystem N1380 Neptune chassis is the core building block, built to enable exascale-level performance while maintaining a standard 19-inch rack footprint.

Article Content

1U Liquid Cooled Rack Mount Server Chassis Kit with 490W Cooling

Discover an enterprise grade CPU liquid cooling solution based on the Alphacool ES 1U 19" Liquid Cooling Ready ServerRack, a

Immersion cooling

Immersion cooling Immersion cooling is a method where electronic parts or whole servers are put into a special, electrically safe

US20210410337A1

Liquid immersion cooling tank as a high density aggregated server chassis for modular blades Abstract The disclosed computer

Lenovo ThinkSystem N1380 Neptune Chassis Datasheet

Lenovo's next generation of Neptune liquid cooling technologies was designed to address those challenges. The

iXora HRM-4 | Dxnamo

Discover the iXora HRM-4: a compact immersion cooling system designed for 19" rack-based deployments. Achieve up to 50%

LiquidCool Brings Immersion Cooling to the Server

LiquidCool Solutions immerses server components inside a sealed chassis filled with

Server Immersion Enclosure

The Standard Immersion Enclosure is a game-changer for AI-powered data centers seeking unmatched performance within a

Immersion Cooling for Data Centers: A Comprehensive Guide

Discover how immersion cooling is transforming data centers with better efficiency, space savings, and sustainability.

1U Liquid Cooled Rack Mount Server Chassis Kit with 490W Cooling

Introducing the our 1U Liquid Cooled Rack Mount Server Chassis with 490W Cooling Capacity, XPX Pro CPU Water Block, ES

Immersion Cooling Solutions | High Performance And Sustainability

Unparalleled energy efficiency and performance with immersion servers, purpose-built for optimal cooling and sustainability in

Server Immersion Enclosure

New innovative, power-dense immersion cooling rack system for industry standard 19" servers, game changer for the AI driven

Best 19-inch server chassis for AI and liquid cooling

Explore high-density 1U, liquid-cooling-ready 19-inch server chassis with IoT monitoring—compare specs, suppliers, and regional

Alphacool ES 4U

The Alphacool ES 4U ServerRack has been specifically optimised to

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Air cooling systems have continually evolved to address higher densities with greater efficiency, but there is a point at which air

Benefits of Immersion Cooling in Modern Data Centers

Uncover the benefits of immersion cooling. Our liquid immersion cooling solutions ensure optimal efficiency and sustainability without

Immersion Cooling Servers | 2CRSi

Immersion cooling involves immersing computer components or entire servers in a thermally, but not electrically, conductive liquid

Liquid Cooling Comes to a Boil: Tracking Data Center

The company, headquartered in Silicon Valley, has spent over a decade honing its liquid

LCS ZPServer | Immersion-Cooled Rack Server for Data Centers & AI

It's configured with the latest components to meet your high capacity cooling requirements, form factor and OEM brand agnostic. And

News | Iceotope + Meta Liquid Cooling for Storage | Iceotope

Iceotope, a leader in precision liquid cooling, has partnered with Meta on a landmark study proving that chassis-level

Two Phase Immersion Cooling Solution | LiquidStack

LiquidStack's 2-phase immersion cooling solutions provide the most efficient cooling on the market, with up to 1.5MW of cooling

LiquidCool Solutions: Immersion-Cooled Rack Servers

LiquidCool Solutions is the only company combining Total Liquid Immersion with Directed Flow (direct-to-chip) in a standard 19" rack.

Patentent Direct-to-Chip, Immersion Cooling

A patented approach to immersion cooling technology LiquidCool Solutions is the only company combining

Liquid cooling solutions for AI and high-density data centers ...

Explore our end-to-end liquid cooling solutions for AI, high-density IT, and sustainable thermal performance.

Liquid-Cooled Server

InWin server integration of water-cooling solutions ensures optimal heat dissipation and enhances computational efficiency.

Warm Water Cooling Server Chassis SlideSX-LC

SlideSX®-LC offers efficient direct cooling for HPC compute nodes with the highest performance Intel®

Advanced Liquid Cooling Solutions Provider | LiquidStack

LiquidStack – your full service provider of the world's most powerful, sustainable and energy-efficient data

Immersion cooling for high-capacity data centers

As energy demands rise, immersion cooling provides uniform thermal performance, improved efficiency, and supports higher-density

Iceotope study reveals efficiency of precision immersion liquid cooling ...

Iceotope, a global leader in precision immersion cooling, has announced a new study with Meta confirming the

Contact Us

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