

# **Investment in AI Computing Power Liquid-Cooled Servers**





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### AI Server Market report 2024-2030 [314 Pages & 252

OVERVIEW Source: Secondary Research, Interviews with Experts, MarketsandMarkets Analysis The AI server market is projected to reach USD



### Microsoft Invests \$80B in Cloud and AI Infrastructure

Microsoft announces \$80B in CapEx for 2025 focused on Azure cloud, AI infrastructure, global data center expansion, and sustainable computing.

### AWS Liquid Cooling 2025: How In-House Tech Wins AI Race

AWS Liquid Cooling Strategy 2025: How In-House Tech and NVIDIA Partnership Reshape Data Center Energy Industry Adoption: How AWS Evolved from Liquid Cooling Necessity to Market Disruption



### Super Micro Expands Liquid-Cooled AI Servers With Nvidia Power

Supermicro accelerating shift to liquid-cooled data centers, facing regulatory scrutiny for revenue recognition. Introducing advanced AI and storage solutions.



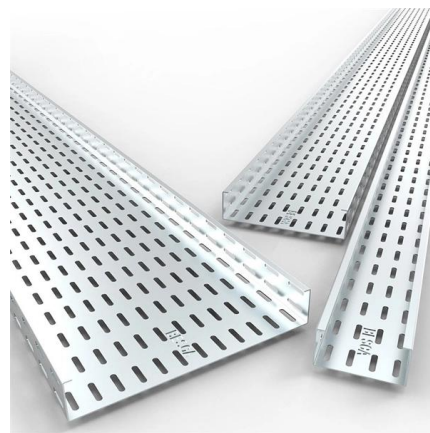
### **Vertiv Deepens AI Data Center Role With Liquid Cooling And Hut 8 Deal**

The deal adds server-side liquid-cooling design and high-density thermal validation, which can help Vertiv model how its cooling and power products behave together in real AI



### **Liquid Cooling Revolution: AI and HPC Drive Data**

As AI and HPC reshape the global economy, liquid cooling is no longer optional--it's foundational. Investors who bet on this infrastructure shift early



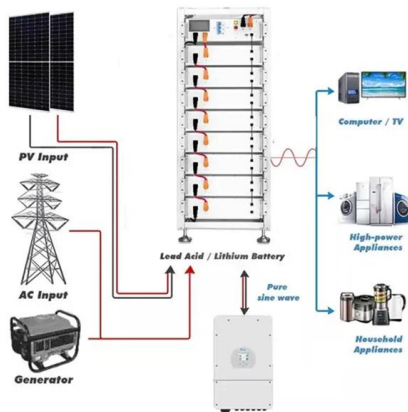
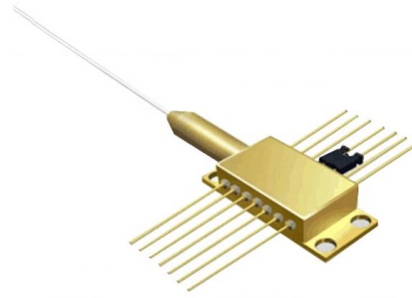
### **7 Best Data Center Stocks, ETFs and REITs to Buy**

It provides move-in-ready data center suites or build-to-suit models and the specialized power and liquid cooling solutions to support AI's high



## Akash Systems Announces World's First Diamond

Breakthrough Diamond Cooling® technology creates the most energy and capital-efficient AI servers in the world Akash's Diamond Cooling® solution is



## The cost of compute power: A \$7 trillion race , McKinsey

The winners of the AI-driven computing era will be the companies that anticipate compute power demand and invest accordingly. Companies across the

## Data Centers: The Infrastructure Powering AI and Your

AI and blockchain is transforming data centers into high-density, gigawatt-scale infrastructure. Learn why demand is surging and how investors



## ByteDance's Annual Profit Tumbles Over 70% on TikTok Owner's AI

ByteDance's investments reportedly include the self-developed Dayu AI liquid-cooled server cabinets that can each support between 64 and 128 graphic processing units, a MegaScale



## Re-Architecting the AI Server: The Hidden Water Cost of

As AI data centers adopt liquid cooling, freshwater use is surging--raising environmental justice concerns and straining communities.



## The future of AI infrastructure may depend on warmer water

As AI rack densities rise, warmer-water cooling is emerging as a way to cut energy use, simplify infrastructure, and support scalable growth.



## Microsoft Liquid Cooling: A \$100B AI Bet in 2025

Discover Microsoft's 2025 pivot to liquid cooling for AI data centers. See how its \$100B bet on zero-water infrastructure reshapes the industry. Read the analysis.



## Why liquid cooling will dominate AI data centres in 2026

As AI power demands surge into 2026, liquid cooling is becoming the essential technology keeping data centres efficient, stable, and future-ready.





### **Iceotope Raises \$26M for AI Liquid Cooling Growth**

Sheffield, United Kingdom - May 14, 2026 - Liquid cooling specialist Iceotope has raised USD 26 million in new funding to accelerate deployment of its precision liquid cooling technologies



### **Liquid Cooled AI Server Market Research Report 2034**

How much energy can liquid cooled AI servers save compared to air cooling? Liquid cooled AI servers achieve power utilization effectiveness (PUE) improvements of 35% to 45% compared to traditional

### **GB200 NVL72 , NVIDIA**

Compatible with liquid-cooled NVIDIA MGX(TM) modular servers, it provides up to 2x performance for scientific computing, AI for science training, and inference



### **HIVE BUZZ signs \$30M AI cloud deals, targets \$15M**

504 liquid-cooled Dell GPUs in Manitoba anchor BUZZ's first AI cluster, expected to add \$15M ARR and lift HIVE's HPC revenue run-rate toward



## The Future of AI Depends on Solving This Problem

Liquid cooling technology will continue to evolve, resulting in improvements in efficiency, reliability and ease of deployment. But the



### AI Datacenter Liquid Cooling Market

The AI datacenter liquid cooling market is expanding globally, supported by hyperscaler AI investments, sovereign AI infrastructure programs, and rising datacenter power-density

### AI data center growth: Meeting the demand , McKinsey

Soaring demand for AI data centers has ushered in a new area of growth. We explore these new opportunities for companies and investors across



### Best practices for deploying liquid-cooled servers in AI

Discover liquid cooling best practices for AI data centers, including design, deployment, maintenance, and sustainability benefits.

## 25+ AI Data Center Statistics & Trends



**(2025 Updated)**

AI fundamentally transforms data centers through exponentially higher power densities, specialized cooling requirements, and unprecedented



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