# Huijue Liquid-Cooled AI Server

By plunging advanced processors into liquid or running coolant directly across the silicon, facilities can manage the intense heat of AI training. However, this engineering marvel simply trades ...

In single-phase, a hydrocarbon-based liquid removes the heat and is cooled off through a heat exchanger. With two-phase cooling, a fluorocarbon-based liquid draws heat from servers.

High-density computing workloads like AI training and inference run too hot for traditional air cooling. Companies are increasingly adopting liquid cooling technologies, even in traditional air ...

It demonstrates how ASUS liquid cooling drives peak AI performance, keeps operations running smoothly, and enables scalable infrastructure--connecting advanced research, national ...

Compared to traditional air-cooling that uses fans, with liquid cooling -and specifically with direct liquid cooling - coolant is pumped directly into a server to absorb heat emitted by ...

Discover why hybrid liquid cooling is emerging as the only sustainable way to handle the extreme heat of AI workloads. Learn how this advanced cooling solution improves efficiency, reduces ...

Presenting virtually silent custom liquid-cooled PCs and GPU servers optimized for AI, ML, deep learning, AI research, data science, LLM training and inference. Our water-cooled technology ...

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

More than 160 new AI data centers have sprung up across the US in the past three years in places with scarce water resources. The strain often peaks during hot summer months or high electricity demand ...

There are six common heat rejection architectures for liquid cooling where we provide guidance on selecting the best one for your AI servers or cluster. AI training and inference servers use ...

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