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jetcool
A Flex Company

JetCool

Direct-to-Chip Liquid Cooling Solutions

Company Overview

JetCool is a leader in advanced liquid cooling for AI and high-performance computing. Backed by 100+ thermal experts and proven across global deployments, JetCool designs and manufactures custom silicon, server, and rack-scale liquid cooling solutions that maximize performance and efficiency.

Product Development (NPI)

- End-to-end design from concept to production
- System architecture and integration expertise
- Rapid prototyping and validation

Global Manufacturing and Customer Support

- North America and U.S.-based production options
- High-volume production capacity
- Global support, service, and warranty coverage

OEM Liquid Cooling Solutions

- Liquid-cooled server solutions for Dell platforms
- Turnkey deployment and commissioning services
- Custom liquid-cooled server development

Custom Silicon Cooling Expertise

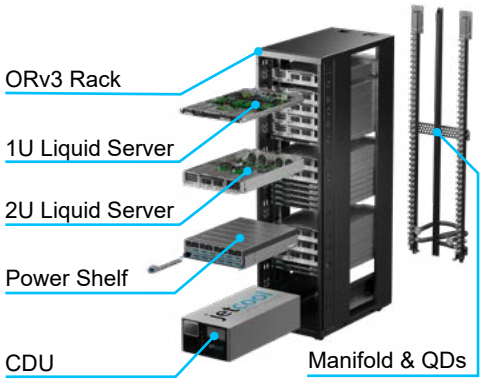
- Custom cooling module design for ASICs, CPUs, GPUs and accelerators
- Microconvective, microchannel, hybrid and direct-to-die architectures
- Design for manufacturability (DFM), reliability and hyperscale application

Markets Served

- Financial Services
- Healthcare, Government & Research
- Telecommunications
- Semiconductor & Custom Silicon
- Colocation & Enterprise Data Centers
- Hyperscalers & Neoclouds

End-to-End Rack Solutions

Vertically integrated rack solutions combining power, cooling and compute.



Off-the-Shelf Products

SmartPlate™ Cold Plates: Fully sealed, precision cold plates for Intel, AMD, NVIDIA, Broadcom, and custom silicon platforms.

SmartPlate™ System: Liquid-assisted air cooling (LAAC) server solution delivering 13% average server power savings. Available on select Dell platforms.*

Coolant Distribution Units: Liquid-to-liquid CDUs available in rack-level, modular, and end-of-row configurations.

Manifolds & Quick Disconnects: Configurable in-rack fluid distribution designed for rapid deployment.

*JetCool is a Dell OEM solution partner.

JetCool's Microconvective Cooling® Technology*

Cooling architecture is not limited to microjet impingement.