



## ACCELSIUS AND ECS

### DIRECT-TO-CHIP LIQUID COOLING SOLUTION



DIGITAL INNOVATION  
AT YOUR SERVICE.

ECS | Equus Compute Solutions | 201 General Mills Blvd.  
Golden Valley, MN 55426  
Main (800) 641-1475 Support (800) 576-7929

Server deployments are increasingly challenged by rising power densities and heat loads, straining traditional air-cooling systems and leading to inefficiencies, higher costs, and hardware failures. The demand for AI and high-performance computing workloads intensifies the need for advanced cooling solutions.

IT teams facing pressure to meet sustainability goals, reduce water use, and optimize space now have a solution: direct-to-chip two-phase liquid cooling from ECS and Accelsius. ECS's expertise in HPC integration, service, and support, combined with Accelsius' advanced cooling technology provide optimal support for new-generation GPUs, maximizing compute and minimizing downtime.

- ⌚ All-inclusive deployment and servicing
- ⌚ Full server and rack integration
- ⌚ Lower TCO
- ⌚ Optimized performance
- ⌚ Reduced power consumption
- ⌚ Seamless scalability

### PERFECT FOR

AI | Big Data | Cloud services | Edge computing |  
Education | Finance | Fintech | Gaming | Healthcare |  
Manufacturing | On-premise cloud

### NeuCool™ 2-Phase Direct-to-Chip In-Rack System

Highly engineered to deliver 80kW of liquid cooling through reliably superior heat removal for current and future generations of CPUs and GPUs. Enhance your server performance through superior thermal management and increase compute density without compromising reliability.

- ⌚ 1 GWP and 0 ODP thermal uniformity
- ⌚ Hot-swappable components
- ⌚ In-rack form factor
- ⌚ Multiple redundancies
- ⌚ Non-conductive, dielectric, waterless fluid
- ⌚ Removes heat fluxes up to 500W/cm
- ⌚ Up to 2200W per socket
- ⌚ Zero water risk



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## A Full Service Solution

- ⌄ **Full Customization**  
Specialized solutions to meet specific workloads and power density requirements to deliver the best solution in any environment
- ⌄ **System Design Integration**  
Seamless, cost-effective integration with expert guidance tailored to each server, rack, and GPU
- ⌄ **Onsite Deployment**  
Expert installation ensuring efficient setup, optimized infrastructure, and reliable performance from Day One
- ⌄ **Ongoing Support**  
Complete range of post-deployment services including training, maintenance, upgrades, and industry-first warranties

**LEARN MORE AT**  
[equuscs.com/accelsius](https://equuscs.com/accelsius)

## ABOUT ACCELSIUS

Accelsius delivers cutting-edge cooling technology designed to meet the needs of next-generation computing environments. Their proprietary two-phase, direct-to-chip liquid cooling systems provide unparalleled thermal management for GPUs and CPUs, ensuring the highest levels of performance and protection for IT assets. By combining advanced engineering with a customer-focused approach, Accelsius is helping clients achieve sustainable, high-performance data center operations.

## ABOUT ECS

Equus Compute Solutions (ECS) is a leading systems and solutions technology provider with over 30 years of experience in designing, deploying, and managing customized IT and compute infrastructure. ECS delivers advanced digital infrastructure solutions for every area of advanced computing with bespoke platform development, cutting-edge labs, installation, integration, and servicing.