

## Category Award

GPU AI/HPC Server with liquid  
Cooling Solutions



Super Micro Computer, Inc.  
美超微電腦股份有限公司

[Company Website](#)

## Winning Reason

Super Micro has successfully deployed liquid cooling technology to improve the efficiency of data centers, enabling operations with lower PUE for a 40% reduction in overall power expenditure, a 55% reduction in server noise, and an 89% reduction in power costs for server cooling infrastructure. As a result, OPEX can be reduced by up to 40%, allowing data center operators to deploy the latest and most efficient CPUs and GPUs.

## Product Feature

- The system optimized for: Large scale Deep Learning/Generative AI & Large Language Model Training/AI-fused HPC applications/Industrial Automation/Business Intelligence & Analytics.
- Dual socket, AMD EPYC 9004 series processors.
- High density 4U system with Nvidia HGX H100 8x GPU (8x NVMe for GPU direct storage/8x NIC for GPU direct RDMA).
- 24x DIMM slots up to 6TB 4800 ECC DDR5.
- 8x PCIe 5.0x16LP.

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