Supermicro Federal LLC

Delivers the Industry's Most Robust U.S.-Manufactured Federal AI & HPC Infrastructure

In today's environment of intensifying supply chain scrutiny and adversarial threats, federal agencies require more than performance — they demand verifiable trust. Supermicro's Silicon Valley-based manufacturing delivers exactly that: fully TAA-compliant systems with end-to-end domestic development, assembly, validation, and testing. This is not incremental compliance — it is a fundamental re-architecture of the supply chain to meet the exacting standards of classified information processing.

SUPPLY CHAIN RISK MANAGEMENT — IRONCLAD ASSURANCE

All Supermicro hardware and firmware components for federal deployments strictly adhere to the Trade Agreements Act (TAA) and Department of Defense supply chain security mandates requisite for systems destined for classified information processing. Every critical element is developed, constructed, rigorously validated, and tested entirely within the United States at Supermicro's San Jose, California headquarters. This domestic pedigree provides full traceability, county-of-origin documentation, transparent attestation, and complete elimination of foreign adversarial supply chain vectors — delivering the trusted foundation agencies require when national security is on the line.

The Supermicro Federal Advantages: Performance without Compromise

Domestic Manufacturing & Validation

All government-optimized systems are designed, built, and validated in San Jose, CA — ensuring proximity to engineering excellence, rigorous quality control, and rapid iteration for mission needs.

Transparent, Attested Supply Chain

Complete visibility and documentation for every component. County-of-origin attestation and full traceability provide procurement confidence and audit readiness for federal oversight.

NVIDIA-Certified AI & HPC Platforms

High-density NVIDIA Vera Rubin NVL72, B300/B200, GB200 NVL72 rack-scale, and Blackwell GPU systems purpose-built for federal AI Factories, modeling & simulation, cybersecurity analytics, and secure virtualized infrastructure.

Secured by Design Architecture

Cryptographically signed firmware, Secure Boot, automatic recovery, FIPS 140-2/3 capable modules, and CMMC 2.0 alignment — hardened for the most demanding classified environments.

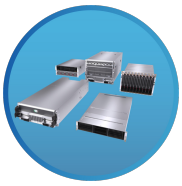
Supermicro does not merely meet federal requirements — we engineer the supply chain to exceed them. By anchoring critical manufacturing in the United States and maintaining an unwavering commitment to transparency and attestation, Supermicro provides federal customers with the performance, scalability, and — most importantly — the unquestionable supply chain integrity required to protect classified information and advance critical national missions.

Ready to Deploy Trusted Infrastructure?

Partner with Super Micro Federal LLC. Contact your Supermicro federal team or visit supermicro.com/federal to discuss TAA-compliant, supply-chain-assured solutions for your classified and unclassified requirements.

Learn More About Supermicro Data Center Building Block Solutions®

Supermicro's Data Center Building Block Solutions (DCBBS) delivers complete, modular AI infrastructure. Built from validated components and sub-systems, DCBBS provides end-to-end deployment flexibility — from individual GPUs and networking switches to complete racks, site infrastructure, management software, and professional services.



AI & Compute Systems

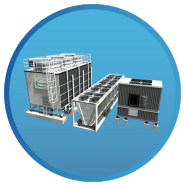
Broadest AI, compute, and storage system portfolio with unmatched customization and liquid cooling

In-Rack Solutions

Complete in-rack integration—cooling distribution units & manifolds, hose kits, networking, power shelves and more

In-Row Solutions

Scalable liquid cooling from 200kW Liquid-to-Air Sidecars to 1.8MW In-Row CDUs, plus SuperCluster solutions



Site Infrastructure Solutions

Site-level cooling infrastructure with water and dry cooling towers, power, and optimized cabling

Management Software Suite

End-to-end software delivering unified infrastructure control, deployment automation, developer tools, and more

Services and Onsite Deployment

Comprehensive professional services from data center design and solution validation to on-site deployment and ongoing support

Rack-Scale Solution	Vera Rubin NVL72	Rubin NVL8	GB300 NVL72
Power Consumption	227 kW	210 kW	140 kW
Cooling Architecture	DLC- 2 (90%+ Heat Capture)	DLC- 2 (90%+ Heat Capture)	DLC- 2 (90%+ Heat Capture)
In-Rack CDU supported	Yes	Yes	Yes
In-Row CDU supported	Yes	Yes	Yes
Sidecar CDU supported	Yes	Yes	Yes
Rear Door Heat Exchanger (RDHx) supported	Yes	Yes	Yes
Rack Options	MGX 1.2	EIA	MGX 1.1

Accelerate your federal AI mission with DCBBS; secure, US-manufactured, modular infrastructure from system to data center scale. Contact Supermicro Federal today to design and deploy validated solutions that reduce time-to-online and integration risk.

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