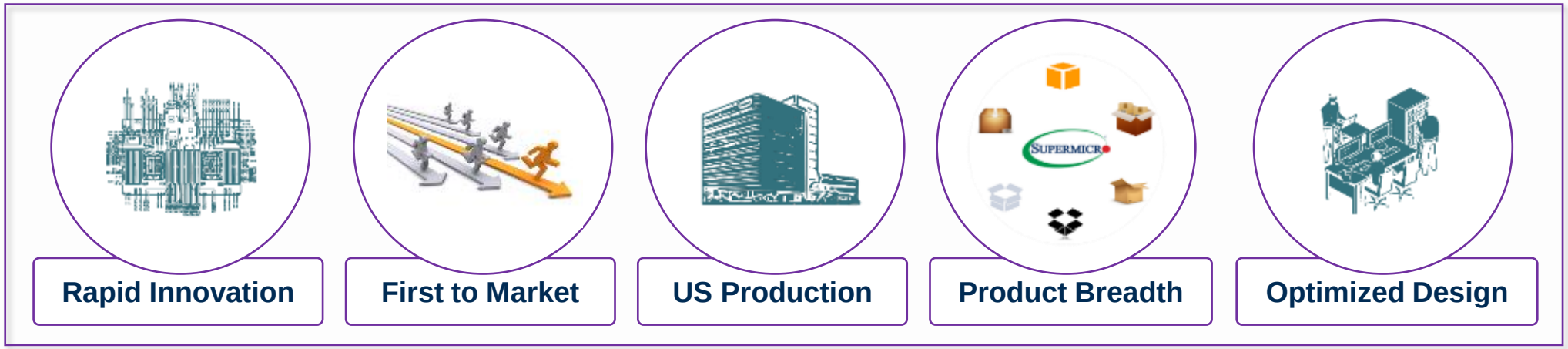
Accelerating Finance with NVIDIA Blackwell

Supermicro's Next-Gen Infrastructure

Supermicro Differentiators



Competency	Supermicro	Competition
Internal Hardware Design	YES	LIMITED
Broad and Optimized Portfolio	YES	LIMITED
First to Market / TTM	YES	NO
H/W Technology Leadership	YES	LIMITED
Total Solutions Hardware + Software	YES	YES
US Design and Manufacturing (Proximity to Key Technology Partners)	YES	NO
Flexible Engagement Models	YES	LIMITED
Deep Partner Relationships	YES	YES
Global Operation and Service	YES	YES

The Industry's Broadest Portfolio of Servers

Universal GPU
Multi-Architecture Flexibility with Future-Proof Open-Standards

PCIe GPU
High Performance and Flexibility for AI, and 3D Simulation

SuperBlade®
Highest Density Multi-Node Architecture for HPC Applications

Hyper
Best-in-class Performance and Flexibility Rackmount Server

BigTwin®
Industry-leading Multi-node Architecture

GrandTwin®
Multi-Node Architecture Optimized for Single-Processor Performance

FatTwin®
Multi-node 4U Advanced Twin Architecture with 8 or 4 Nodes

CloudDC
All-in-one Rackmount Platform for Cloud Data Centers

WIO
Industry's Widest Variety of I/O Optimized Servers

Petascale All-Flash
High Performance, Low Latency with EDSFF E3.S and E1.S

Enterprise Storage
Cost Effective, High Capacity for Large-Scale Storage

Multi-Processor
Highest Performance and Flexibility for Enterprise

Mainstream
Cost Effective Systems for Everyday Applications

Hyper-E
Best-in-class Performance and Flexibility for Edge Data Centers

SuperEdge
High-Density Computing and Flexibility at the Intelligent Edge

IoT/5G
Compact Form Factors for 5G and Edge computing

SuperWorkstation
Data Center Power in Portable Form Factors

MGX
Modular Building Block Platform with wide CPU and GPU support

Family Overview

Supermicro GPU Systems

HGX Systems

CPU: INTEL AMD

GPU: H100 SXM

- Maximum acceleration with interconnected 8-GPU and 4-GPU per system for large AI models with pool of High-bandwidth GPU memory.
- Proven system architecture. Validated in real-world AI deployments.

PCIe Systems

CPU: INTEL AMD

GPU: PCIe

- Versatile acceleration platforms with up to 10 PCIe GPUs for AI inference, fine-tuning, Graphical AI applications.
- H100 PCIe for maximum AI performance, L40S for cost effective AI + graphics workloads.

MGX Systems

CPU: ARM INTEL

GPU: GH200 PCIe

- Grace Hopper Superchip systems with large shared memory for large AI model or high-volume inference.
- Modular PCIe GPU platform supporting ARM and x86 CPUs.
- Compact form factors for high computing density and scalability.

10U NVIDIA HGX B200 8-GPU Server

Air-cooled
NVIDA HGX B200 8-GPU

8x 400Gbps NICs

Dual Intel® Xeon® 6 processors, 5th/4th Gen Intel® Xeon® Scalable processors, or AMD EPYC™ 9005 Series processors

10U High-Airflow Chassis

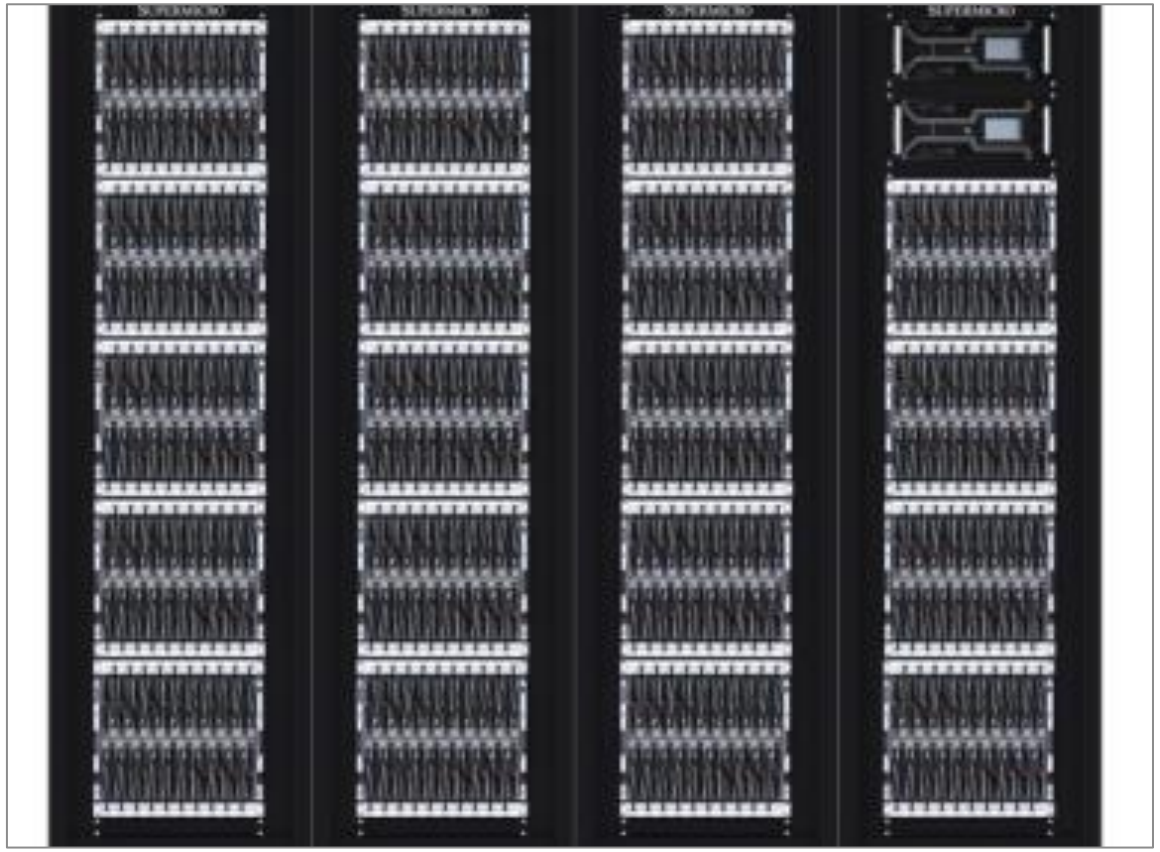
19x 8cm heavy duty fans

2x dedicated DPU slots

10 front hot-swap 2.5” NVMe bays

Case Study: MemX Deal

Supermicro's SuperBlade system, powered by 4th Gen Intel® Xeon® processors and NVIDIA Blackwell architecture, provides low-latency, scalable, and power-efficient solutions for financial services, as demonstrated in its partnership with MEMX.



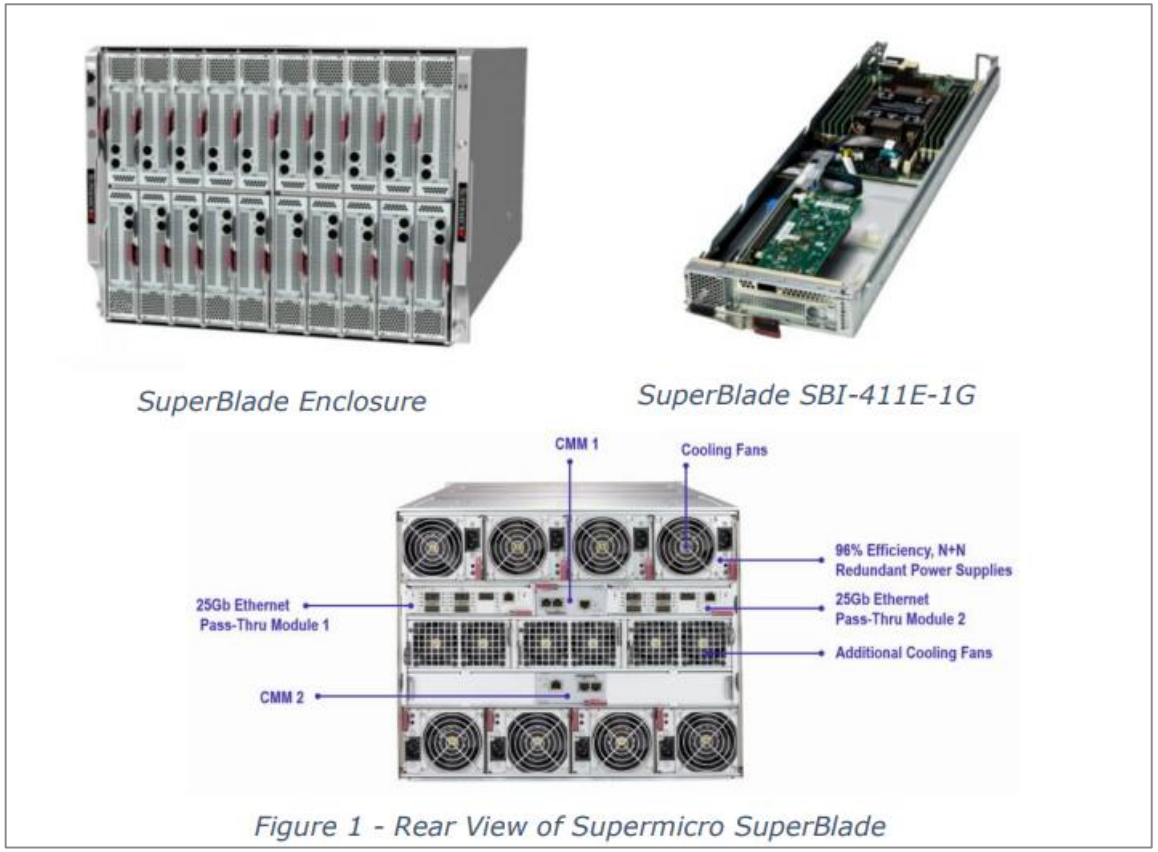
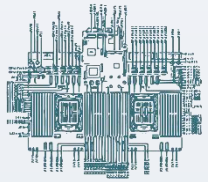


Figure 1 - Rear View of Supermicro SuperBlade

The Supermicro Advantage

We build rack-scale IT solutions, optimized for our customer's business goals at every step in our highly integrated supply chain.

With 30 years of technology leadership, Supermicro meets the needs of the entire data center, with a portfolio of application-optimized systems, cluster-level design, and on-site service.



Architecture
Extensive R&D capabilities starting with individual components, scaled up to data center clusters.

Solution Design
Engineering and integration team develops and thoroughly validates solution.

Production
4,000 racks per month produced worldwide with accelerated time-to-market.

Deployment
Plug and play service for seamless deployment in any datacenter environment.

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