



# ACCELERATE ADVANCED COMPUTING IN FSI

Supercharged AI & HPC workloads drive critical business momentum

From algorithmic traders trying to eliminate latency in every transaction or risk specialists looking farther and deeper for fraud, AI and HPC workloads are transforming how the financial services industry is operating - and what they can accomplish.

The financial services industry market was estimated to be at

**\$38.36B**

in 2024.<sup>1</sup>

The average power density is projected to rise to

**50 kW**

per rack by 2027.<sup>2</sup>

FSI GPU market is expected to grow

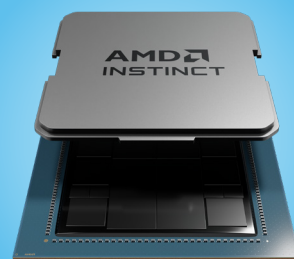
**28.5%**

through 2030.<sup>3</sup>



AS-8126GS-TNMR

Supermicro servers with AMD EPYC™ CPUs and Instinct™ GPUs accelerate essential HPC and AI workloads at every phase of digital transformation. Get breakthrough density and efficiency that enables you to consolidate and modernize while building for what's next.



## THE NEXT COMPETITIVE ADVANTAGE

Supermicro and AMD give financial services leaders the platform they need to master today's big opportunities.

**Detect risks faster:** Ingest increasingly large data sets to uncover patterns and anomalies.

**Supercharge trading:** Move faster and smarter with superior compute in the front and back of the house.

**Modernize core processes:** Connect teams, applications, and data to reduce costs while boosting business readiness and resilience.

**Engage and delight customers:** Build the experiences and services that meet and exceed customer expectations.

Supermicro servers with AMD EPYC™ CPUs and Instinct™ GPUs deliver exceptional compute performance, rack-scale flexibility, and optimized TCO.



## PERFORMANCE: POWER THE NEXT OPPORTUNITY

Massive performance for AI and HPC workloads

Scalable AI servers house multiple AMD GPUs for large-scale training

AMD Instinct™ accelerators are built on the AMD CDNA™ architecture resulting in extremely fast performance

Direct Liquid Cooling dramatically reduces TCO and increases performance per watt



AS-4126GS-NMR-LCC



## FLEXIBILITY: MOVE TO INNOVATION FASTER

Modular Supermicro Datacenter Building Block Solutions® (DCBBS) enables faster solution design and manufacturing

Integrated supply chains and US manufacturing ships solutions faster

Industry-leading expandability in compute, memory, storage, and bandwidth

Get the latest AMD EPYC™ platforms first from Supermicro



AS-2126HS-TN



## EFFICIENCY: REDUCE THE COST OF TRANSFORMATION

Supermicro multi-node FlexTwin™ servers deliver max compute density and low latencies, along with Direct Liquid Cooling

Multi-node design results in lower power consumption

Each FlexTwin™ server contains two high performance AMD EPYC™ CPUs

Support for latest generation AMD EPYC™ 9005 series processors with up to 36,864 cores per rack



AS-2126FT-HE-LCC

## NEXT GENERATION FINANCE LEADERS BUILD ON AMD + SUPERMICRO.

For more information:



### SOURCES:

<sup>1</sup> <https://www.marketsandmarkets.com/Market-Reports/ai-in-finance-market-90552286.html>

<sup>2</sup> <https://www.deloitte.com/us/en/insights/industry/technology/technology-media-and-telecom-predictions/2025/genai-power-consumption-creates-need-for-more-sustainable-data-centers.html>

<sup>3</sup> <https://www.marketsandmarkets.com/Market-Reports/ai-in-finance-market-90552286.html>