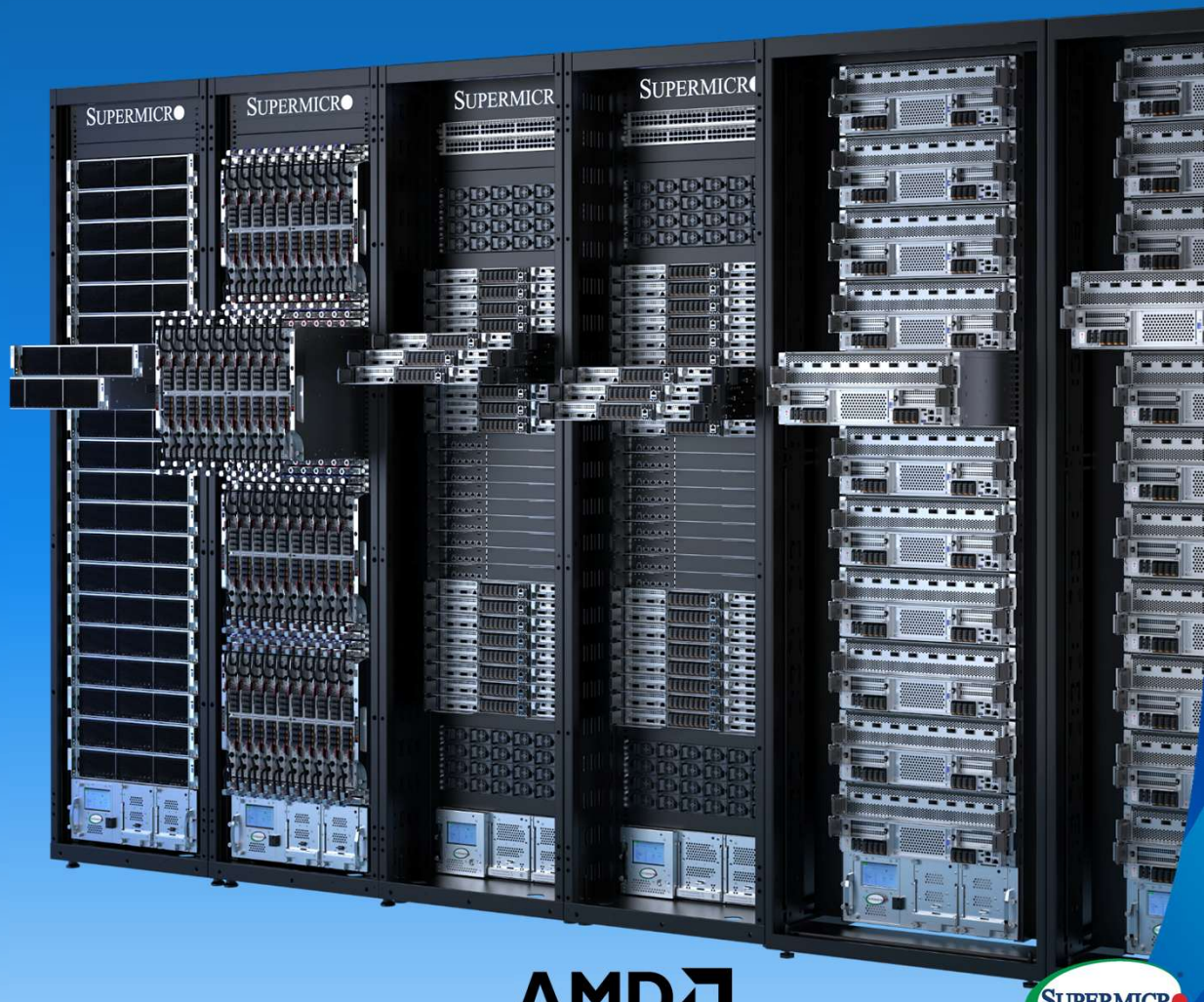
Supermicro Update

Petr Karbus
Senior Sales Manager | EER

May 2026



AMD

SUPERMICRO

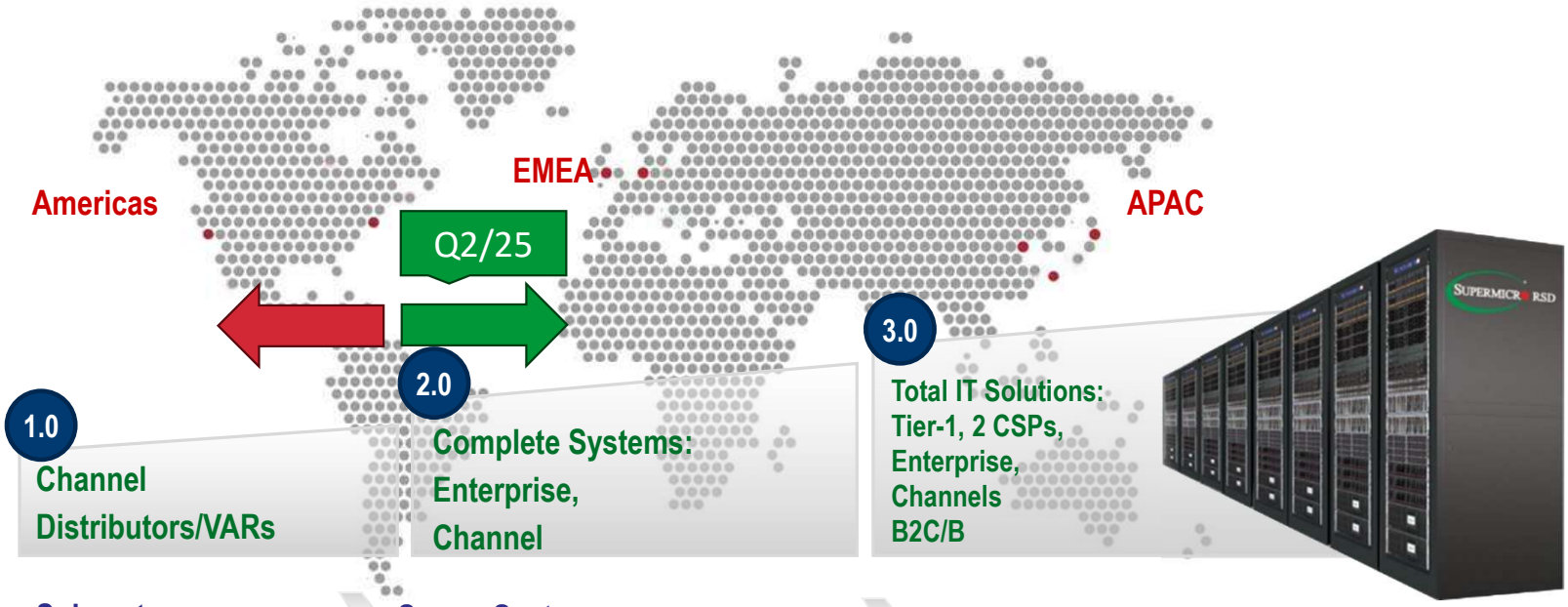
Accelerate Everything © 2026 Supermicro

About SUPERMICRO



Revenue	**$33B+** (FY2026) $22B (FY2025) $14.9B (FY2024) Build 1993
Worldwide Presence	6M+ Sq ft. Facilities Worldwide 1. Silicon Valley (HQ), 2. Taiwan, 3. The Netherlands, 4. Malaysia and others
Production	$50B/yr Production Capacity (CY26) ~5000 Air-cooled Server Racks/mo. ~2000 Liquid-cooled Server Rack/mo.
Human Resource in 4 Campuses	~7000 headcount Worldwide, ~50% Technical / R&D
Key Growth Matrix	**#1** in Generative AI and LLM Platforms 200%+ YoY Growth in Accel. Computing

Business Progression



Business Focus

Building Block Solutions

- Optimized subsystem design, including Motherboard, Power Supply, Chassis, Thermal solution, I/O, Firmware, BMC, Security and Software, at scale
- Enable industry's broadest AI/Server/Storage/Edge/IoT product portfolio
- Customer time-to-market advantage



Rack-Scale Solutions

- Plug-and-play design enables customers to plug in network & power, and ready to go on-line
- Onsite deployment and service
- Management and security software increase value and competitive advantages



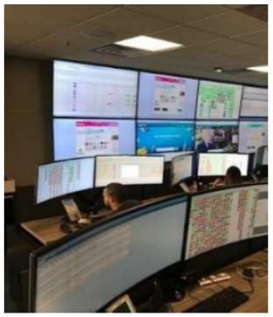
Green Computing

- High efficiency system designs, direct liquid cooling (DLC) and free air cooling
- Save up to 40% TCO for many of our partners
- Industry-wide green computing adoption could save $10B per year of energy cost
- Save billions of trees



Business Automation

- Operation and sales automation to efficiently serve enterprise and any size of business
- Global manufacturing footprint and onsite deployments and technical support
- Command Center to provide 24/7 security and real-time monitoring



Supermicro 4.0 (DCBBS)

- Improve datacenter TTM/TTO 30% faster, Save $, Quality and Service
- Enhanced system/cloud software/application products
- DLC, networking, cabling and pre/post-deployment services for DC/Cloud total solutions



BYOS – ~~Build~~ Buy Your Own Solution, now

- Ceny MEM, HDS 4x vyšší, než Q3/Q4 2025
- HDD omezeně dostupné na trhu, pouze kapacity 20TB+, produkce - vyprodaná do konce roku 2027
- Předpoklad nárůstu cen MEM, HDS do konce roku +100% k současným cenám
- Samsung ohlásil stávku od 21.5. na 18dnů = další narušení dodavatelských řetězců
- Trh je nepredikovatelný, neexistují garance cen a dostupností dotčených komodit
- Situace se nezlepší celý rok 2027, reálné očekávání zlepšení situce až 2028
- Mimo to zdraží vše s pamětmi, čipy atd

Supermicro Ready-to-Deploy Gold Series



Supermicro Gold Series systems take the guesswork out of enterprise server acquisition

Purchase with Confidence

Based on our most popular configurations, Supermicro Gold Series are pre-configured for specific workloads. These configuration have been pre-tested and are ready to go from day one.

Short Lead Times

Gold Series produce are pre-configured and ready to ship. No need to wait for parts and assembly. In most cases, Gold Series systems will ship from Supermicro's warehouse on the next business day.

Effortless Deployment

Systems are delivered to the customer with components already installed and pre-tested.
Unpack. Rack. Powerup.
Done.

Gold Series Products

Enterprise Compute



SYS-112H-TN-01-G2
SYS-112H-TN-02-G2



SYS-212H-TN-01-G2



AS -2115HS-TNR-01-G2



AS -1115CS-TNR-01-G2



AS -2115GT-HNTR-01-G2



SBI-612B-1NE34-01-G2

Standard form factors designed for enterprise applications, cloud data centers, and general compute workloads

Enterprise Storage



AS -2015CS-TNR-01-G2



ASG-2015S-E1CR24L-01-G2



SSG-542B-E1CR60-01-G2



SSG-542B-DE1CR90-01-G2

Storage solutions for a range of performance and density requirements

Enterprise AI



SYS-822GS-NB3RT-01-G2



AS -8126GS-NB3RT-01-G2



SYS-212GB-FNR-01-G2



SYS-422GA-NRT-01-G2

Pre-configured with GPUs to accelerate AI inference and training workloads

Intelligent Edge



SYS-111AD-HN2-01-G2



ARS-E103-JONX-H2-01-G2



AS -E300-14GR-01-G2



SYS-E300-14AR-01-G2

Compact systems for the intelligent edge, ready to be deployed in remote environments or integrated into specialized equipment

Industry's Most Comprehensive Portfolio

Rack Mounted

Multi Processor
8 x CPU Sockets



Multi Processor
4 x CPU Sockets



Hyper
2 or 1 x CPU Sockets



CloudDC
2 or 1 x CPU Sockets



WIO
1 x CPU Socket



GPU

HGX
8 x GPU SXM



HGX DLC
8 x GPU SXM



PCIe GPU



MGX
Grace Hooper



Multi Node

Superblade



MicroCloud



FlexTwin



GrandTwin



BigTwin



Storage

All Flash



Front Load



Simply Double



Top Load



Supermicro Solutions

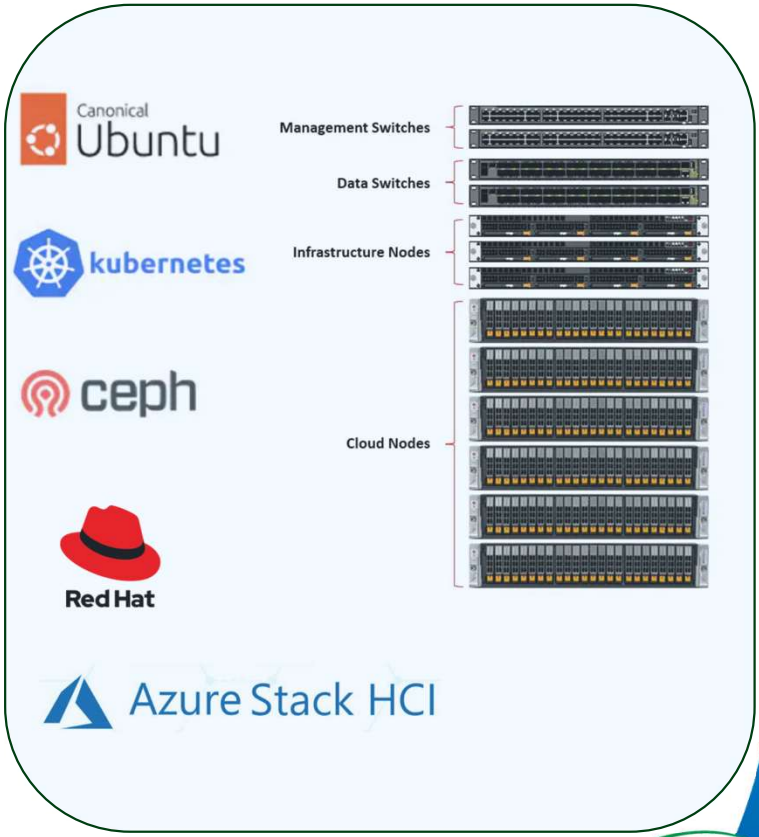
GPU Acceleration (AI/ML, HPC, Omniverse)



Data Base & ERP



Cloud & Virtualization



Supermicro Solutions - Storage

All Flash



SSG-122B-NE316R

1U front-loading all-flash storage server with 16 E3.S NVMe drives and PCIe 5.0

MINIO

VAST

WEKA

Hybrid

Storage SuperServer SSG-620P-E1CR24H



Key Features

- Dual socket 3rd Gen Intel® Xeon® Scalable processors, up to 72 Cores Per Node;
- 16 ECC DDR4-3200: LRDIMM/RDIMM;
- Dedicated PCIe 4.0 AIOM slot; 3 x PCIe 4.0 x16 Slots;
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN per node;
- 24 3.5" Hot-swap SAS3/SATA3 drives, 4x Rear SATA/NVMe Slots, 2x SATA/NVMe M.2 (form factor: 2280);
- 5x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 1600W Redundant Power Supplies Titanium Level (96%);
- HW RAID support via Broadcom® 3908;

Storage SuperServer SSG-640SP-E1CR90



Key Features

- 16 ECC DDR4-3200: LRDIMM/RDIMM;
- 3 x PCIe 4.0 x16 HHHL PCIe slots;
- 90 3.5"/2.5" Hot-swap SAS3/SATA3 drives, 2x Fixed slim SATA SSD, 2x NVMe M.2 (form factor: 2280 and 22110);
- 6 x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 2600W Redundant Power Supplies Titanium Level (96%);
- Drive Controller support via Broadcom® 3916 or 3616; Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN;

OSNEXUS Quantum

Qumulo

SUPERMICRO

Supermicro CPU Vendors



X14



H14



R13



NVDIA Grace CPU

G1

Supported GPU By Supermicro

NVIDIA | AMD | intel

Multi socket

HGX
H100
H200
B100
B200
B300



CDNA3
MI300X
MI350X



Gaudi3 UBB



PCIe

H100 NVL
L40S
L4
RTX 6000 Ada



MI210



Gaudi3 PCIe

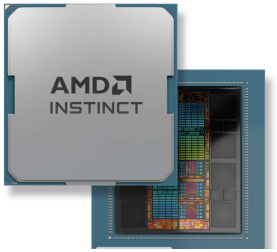


CPU+GPU

Grace Hooper
GH200
GB200
GB300



CDNA3
MI300A
MI350



SUPERMICRO

GPU Accelerated Workloads













Supermicro Networking - Ethernet

SSE-T7132S/SR (32 ports)



Key Features

- 32x 400Gbps Ethernet ports (QSFP-DD)
- SONiC Networking Operating System
- Fully shared packet buffering
- Redundant hot-pluggable power supplies
- 1U form factor ideal for spine/super-spine
- Regular and reverse airflow models

SSE-C4632SB/SRB (32 ports)



Key Features

- 32 x100Gbps Ethernet ports (QSFP28)
- 1:1 Non-blocking connectivity
- 1U form factor for flexible installation
- Data-Center friendly - regular and reverse airflow models
- Hot-pluggable power supplies
- Broadcom Advanced Enterprise SONiC Switch Software pre-installed

SSE-T8032S



Key Features

- 64x 400Gbps Ethernet ports
- Broadcom Advanced Enterprise SONiC Networking Operating System
- Fully shared packet buffering
- Redundant hot-pluggable power supplies
- 1U form factor ideal for leaf/spine/super-spine
- Regular airflow model

SSE-SN3700-VS2



Key Features

- 32 x 200 Gbps Ethernet ports (QSFP56)
- Connectivity at different speeds with throughput of 12.8Tb/s
- Cumulus Linux Networking Operating System
- Fully shared packet buffering
- Best-in-class VXLAN scale
- Redundant hot-pluggable power supplies
- 1U form factor ideal for ToR super spine

SMC networking

- One time investment, no additional costs (ports, data transfer..)
- Standard & Reverse airflow models,
  OS Sonic management

Supermicro Networking - Infiniband



System Specifications	
Performance	400Gb/s per port
Switch radix	64 400Gb/s non-blocking ports with aggregate data throughput up to 51.2Tb/s
Connectors and cabling	32 octal small form-factor pluggable (OSFP) connectors; passive or active copper or active fiber cable; optical module



System Specifications			
	Q3200-RA	**Q3400-LD**	**Q3400-RA**
Performance	Two switches, each of 28.8Tb/s throughput	115.2Tb/s throughput	115.2Tb/s throughput
Switch radix	Two switches, each of 36 800Gb/s non-blocking ports	144 800Gb/s non-blocking ports	144 800Gb/s non-blocking ports
Connectors and cabling	Two groups of 18 OSFP connectors	72 OSFP connectors	72 OSFP connectors

HPC usage

- High throughput, low latency

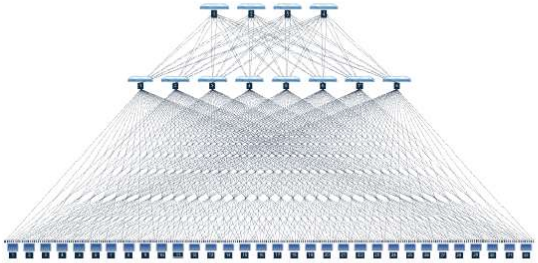
AI Infrastructure Complete Solution from Supermicro

Supermicro Rack-Scale Advantage:

Leverage Proven Building Blocks



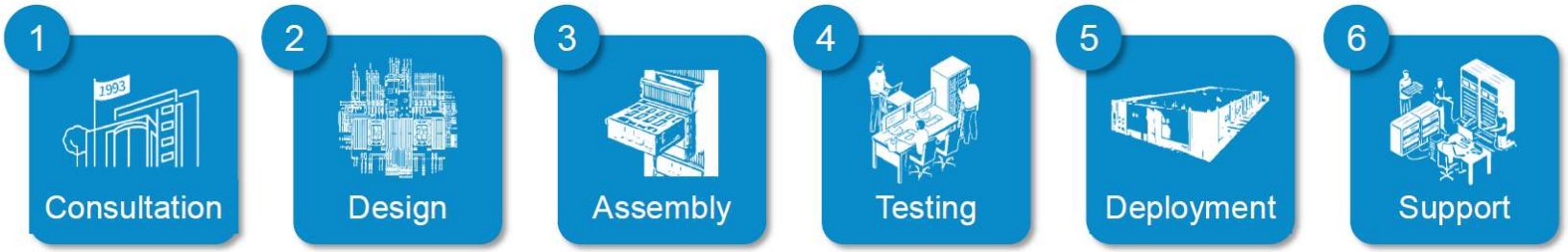
Simplify Cluster-Scale Architecture



Deploy Plug & Play Racks

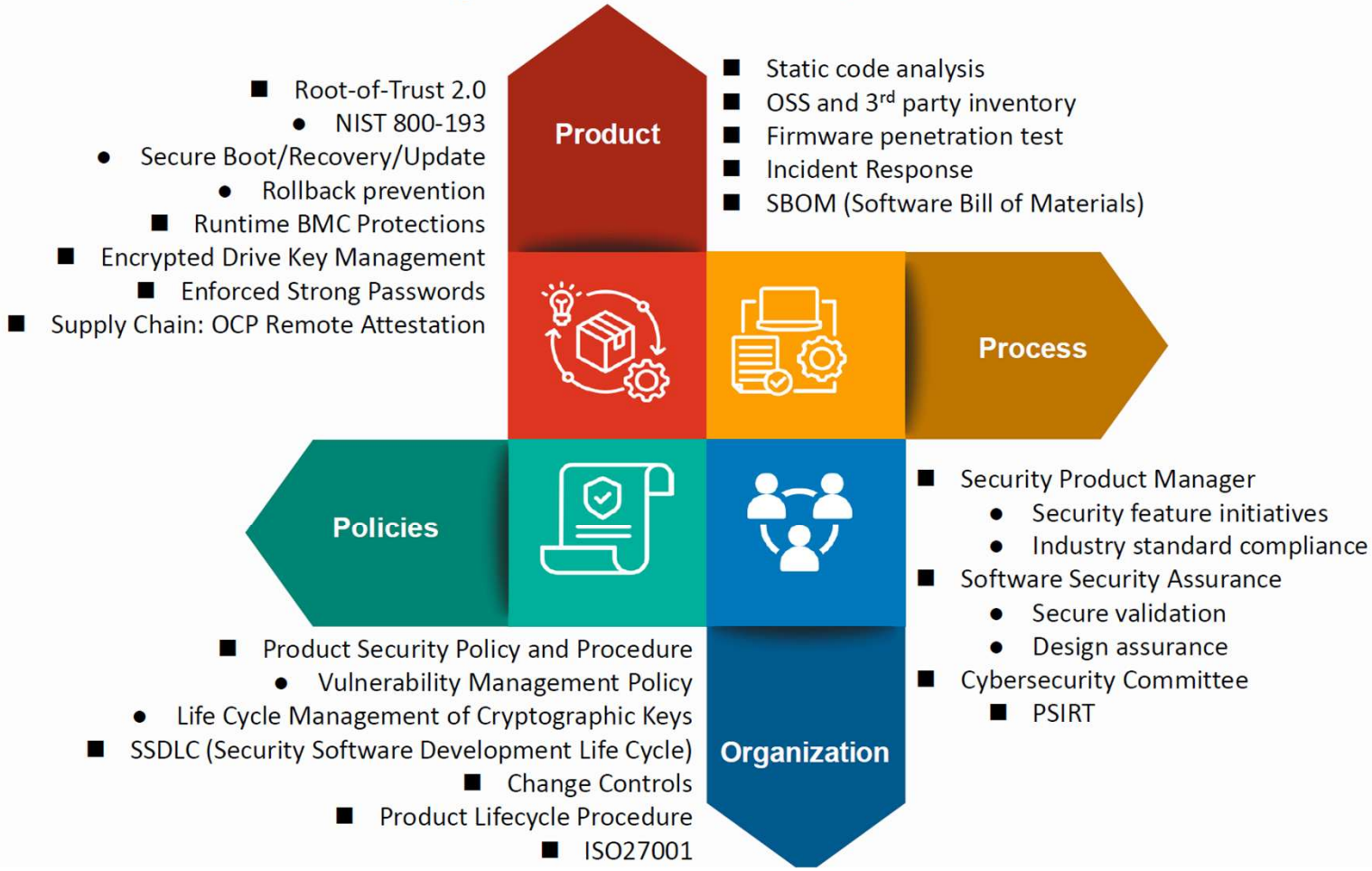


Rack Solution Design & Deployment Steps:



Product Security Landscape

Confidential



- Root-of-Trust 2.0
  - NIST 800-193
  - Secure Boot/Recovery/Update
  - Rollback prevention
- Runtime BMC Protections
- Encrypted Drive Key Management
- Enforced Strong Passwords
- Supply Chain: OCP Remote Attestation

- Static code analysis
- OSS and 3rd party inventory
- Firmware penetration test
- Incident Response
- SBOM (Software Bill of Materials)

- Security Product Manager
  - Security feature initiatives
  - Industry standard compliance
- Software Security Assurance
  - Secure validation
  - Design assurance
- Cybersecurity Committee
  - PSIRT

- Product Security Policy and Procedure
  - Vulnerability Management Policy
  - Life Cycle Management of Cryptographic Keys
- SSDLC (Security Software Development Life Cycle)
- Change Controls
- Product Lifecycle Procedure
- ISO27001

Product Security Feature Overview

Confidential

Category	Security Specifications	Intel X14 Products	AMD H14 Products	Intel X13 Products	AMD H13 Products	Intel X12 Products	AMD H12 Products
Hardware	Silicon Root of Trust	✓	✓	✓	✓	✓	✓
	Chassis Intrusion Protection	✓	✓	✓	✓	✓	✓
	Trusted Platform Module (TPM) 2.0	✓	✓	✓	✓	✓	✓
BIOS/BMC	Secure Boot	✓	✓	✓	✓	✓	✓
	Secure Drive Erase *	✓	✓	✓	✓	✓	✓
	Secure Flash	✓	✓	✓	✓	✓	✓
	Secure Firmware Updates	✓	✓	✓	✓	✓	✓
	Cryptographically signed firmware	✓	✓	✓	✓	✓	✓
	Secure Redfish API[3]	✓	✓	✓	✓	✓	✓
	Password Security	✓	✓	✓	✓	✓	✓
	USB dynamic enable/disable			✓		✓	
	HDD Password *	✓	✓	✓	✓	✓	✓
	BMC Unique Password	✓	✓	✓	✓	✓	✓
	Automatic Firmware Recovery	✓	✓	✓	✓	✓	✓
	Anti-rollback	✓	✓	✓	✓	✓	✓
	Runtime BMC Protections	✓	✓	✓	✓		
	System Lockdown	✓	✓	✓	✓	✓	✓
	Supply Chain Security: Remote Attestation	✓	✓	✓	✓		
	Drive Key Management (Super-Guardians) *	✓	✓	✓	✓		
	IPMI 2.0 User Locking	✓	✓	✓	✓		
	Security State Monitoring	✓	✓	✓	✓		
	Security Protocol and Data Model (SPDM) Management[2]	✓	✓	✓	✓		
Standards	NIST SP 800-193	✓	✓	✓	✓	✓	✓
	NIST SP 800-147b	✓	✓	✓	✓	✓	✓
	NIST SP 800-88	✓	✓	✓	✓	✓	✓

Certain features may not apply to all products. [1] On select models and configurations. [2] Planned on Q4 CY2024. [3] TLS v1.2 / v1.3 supported. RMCP+ Cipher Suite3 / 17 supported. * BIOS Feature for Host/Server

https://www.supermicro.com/en/support/security_center#!product-security

Supermicro Service & Support

Supermicro Global Onsite Services

Warranty
No SLA
Standard Inventory Pool
Supermicro Regional HQ
One-Way shipping In-Region
Technical support provided during business hours at Supermicro Regional HQ
Technical support CRM
Depot based Repair at Supermicro Regional HQ
No Technical Account Manager

Onsite Service		Bronze SMSADx	Silver OSNBDx	Gold OS4HRx
SLA		3 Business Day	Next Business Day	4-hour
Parts	Separate Stock to meet SLA	●	●	●
Local Depot	In-Country or Region to meet SLA	●	●	●
Advanced Logistics	2-Way Shipping Import/Export, & VAT.	●	●	●
24x7 Service Desk	Entitlement checking, Guided Troubleshooting Phone Support Partner escalation	●	●	●
Web Portal	Ticket submission, Case tracking & Routing	●	●	●
Field Engineer	Global Availability Component replacement	■	●	●
Technical Account Manager	Account Management Single point of contact Escalation Support QBR Review		●	●

Additional Onsite Services

*requires Onsite Service code

Liquid Cooling & Preventive Maintenance	Service Renewals	Managed Services	Multi-Vendor Product Service
Buyback Program	Digital Media Retention	Onsite Integration	Supermicro University

● *Included with Service*
■ *leverages Customer Staff*
x *describes service term in years*

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petrk@supermicro.com

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