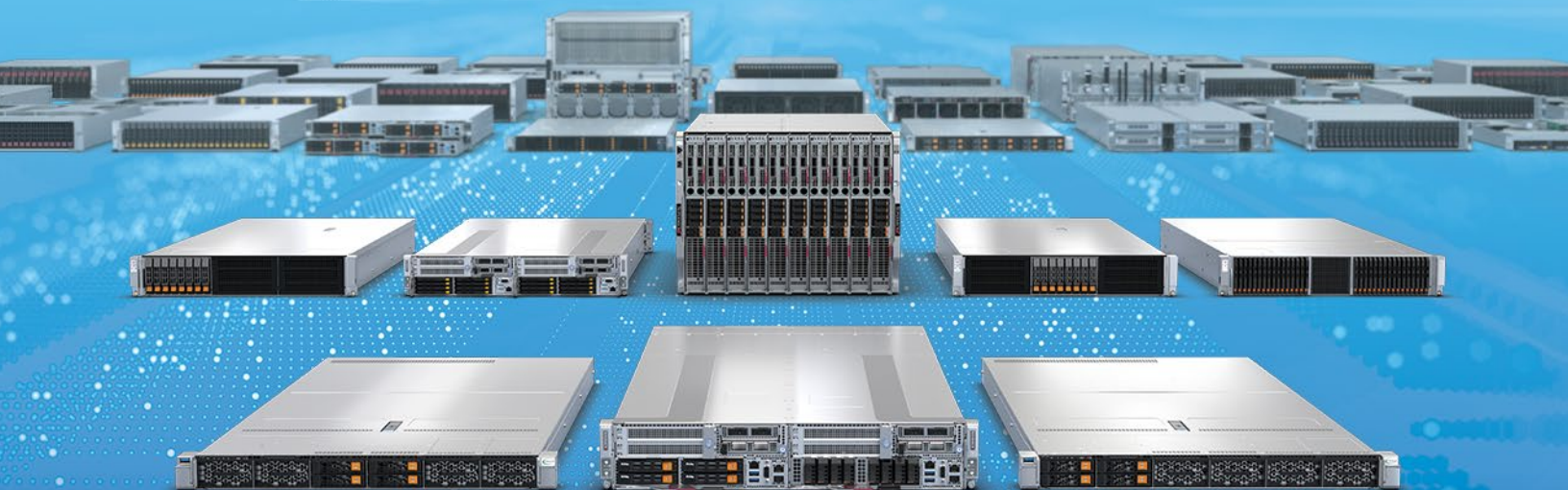




# H15 Server Solutions

World's Most Versatile Portfolio of AMD Processor-Based Systems  
Supporting the Latest AMD EPYC™ series processors



## **SUPERMICRO H15 GENERATION SERVERS**

The Most Comprehensive Portfolio of AMD Processor-Based Systems,  
now with AMD EPYC™ 9006 series processors, Including Servers, Storage, GPU-Optimized,  
and Multi-Node Solutions to Exactly Match System Requirements to Your Workloads

# INTRODUCING H15/H14 GENERATION A+ SERVERS

## EPYC™ 9006 SERIES PROCESSORS

- Up to 256 cores, 512 Threads per socket
- Up to 16 Channel DDR5-8000 / MRDIMM 12.8G
- Up to 96 PCIe Gen 6 Lanes / Socket ~ (2x CPU-to GPU bandwidth vs. previous gen)
- Next Generation Reliability, Availability, and Serviceability (RAS)

## WORKLOAD OPTIMIZED SYSTEMS WITH OPEN ARCHITECTURES

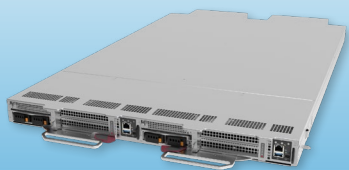
- Vast I/O, storage, networking and expansion slot options for maximum versatility
- Market-leading GPU optimized servers for large scale AI/ML and HPC workloads
- Compute Express Link (CXL 3.1) peripheral support including memory expansion through PCIe 6.0 lanes

## INCREASED OPERATIONAL EFFICIENCY

- Tool-less chassis design
- Rear and Front I/O options
- Hot-swappable nodes with shared power for multi-node system
- Titanium level redundant power supplies
- Air & liquid cooled options

### H15 FlexTwin™ Liquid-Cooled System

10U Liquid cooled multi-node architecture for highest density and efficiency



### H14 GPU Optimized PCIe System

Universal GPU optimized for AI/ Deep Learning and HPC



### H14 Accelerated GPU Servers

Maximum Acceleration for AI Training and LLM



### H15 Hyper System

Industry Leading Enterprise Server with Flexibility and Performance



### H15 CloudDC System

All-in-One Servers with Flexible I/O Options for Cloud Scale Data Centers



### H15 GrandTwin® System

Leading Multi-Node Architecture with Front I/O



# CLOUDDC SYSTEMS

## All-in-One Servers with Flexible I/O Options for Cloud-Scale Data Centers

- Single AMD EPYC™ 9006 SP7 series processors
- Up to 16 DIMMs 4TB DDR5-8000 RDIMM / 12800 MRDIMM in 1DPC
- Designed with DC-MHS compliance
- Up to 5x PCIe 6.0 X16 slots
- Flexible networking option with 1 AIOM/ OCP3 support
- Up to 12 front hot-swap 2.5"/E3.S 1T/E1.S drives (1U)
- Up to 16 front hot-swap 2.5"/E3.S 1T/12 E1.S drives (2U)



AS-1117C7-N

**New! H15** 1U CloudDC



AS-1117C7-N

1U single processor server with 12x 2.5" or E1.S/ E3.S drives

**New! H15** 2U CloudDC



AS-2117C7-N

2U single processor server with 16x 2.5" or E1.S / E3.S drives

### Cost Optimized Versatile Solutions for Rapid Cloud Deployment and Easy Maintenance

The H15 CloudDC are single socket systems, optimized with AMD EPYC™ 9006 series processors up to 256 cores, and 512 threads ready to power a wide range of cloud workloads.

The CloudDC system is compliant with the OCP Data Center – Modular Hardware System (DC-MHS) standard, enabling to dial in the type and bandwidth of network connectivity that meets business needs.

### Key Applications

- Cloud Computing
- Web Server
- Hyper-converged Storage
- Virtualization, File Servers
- Head-node Computing
- Telcom Security Server
- CDN

# HYPER SYSTEMS

## Industry Leading Enterprise Rackmount Servers with Flexibility and Performance

- Dual AMD EPYC™ 9006 SP7 series processors
- Up to 32 DIMMs 8TB DDR5-8000 RDIMM / 12800 MRDIMM in 1DPC
- Up to 4x PCIe 6.0 x16 FHFL slots
- Capable to support GPU and CXL 3.1
- Up to 12 front hot-swap 2.5"/E3.S 1T/E1.S drives (1U)
- Up to 16 front hot-swap 2.5"/E3.S 1T/12 E1.S drives (2U)
- Flexible networking options with 1 AIOM/OCP 3.0 support



AS-1127H7-N

**New! H15** 1U Hyper



AS-1127H7-N

1U dual processor server with 16 DIMMs and up to 12x 2.5" or E3.S drives

**New! H15** 2U Hyper



AS-2127H7-N

2U dual processor server with 16 DIMMs and up to 16x 2.5" or E3.S drives

### Highest Performance A+ Hyper Servers

The H15 Hyper DP servers are dedicated to delivering a hyper level of performance and storage I/O operations per second (IOPS), with even more flexibility. These systems support the latest 6<sup>th</sup> Gen AMD EPYC™ processors, offering up to 256 cores per CPU.

Select from NVMe, SATA, or SAS storage options to achieve the number of I/O operations per second (IOPS) your applications need to perform at their best as well as use Open Compute Project (OCP) 3.0 add-in module (AIOM) for consistent and standard networking capabilities across all of your server deployments.

### Key Applications

- Virtualization
- Software Defined Storage
- Enterprise Server
- AI Inference
- HPC
- Cloud Computing

# GRANDTWIN® SYSTEMS

## Leading Multi-Node Architecture with Front I/O

### Per Node:

- Single AMD EPYC™ 9006 SP7 series processor
- Up to 16 DIMMs 4TB DDR5-8000 RDIMM / 12800 MRDIMM in 1DPC
- Up to 2 PCIe 6.0 x16 FHHL slots or 1 PCIe 6.0 x16 FH/10.5"L Double Width slot
- Up to 8 2.5" / 8 E3.S 1T / 8 E1.S
- Flexible networking with optional 1 AIOM/OCP3.0 support
- GrandTwin front IO module offers additional value for networking expansion(10G/25G/200G)



AS-2117GT7-DNF

**New! H15** 2U GrandTwin



AS-2117GT7-DNF

2U 2Node with up to 8x 2.5" or 8x E1.S or 8x E3.S per node

**New! H15** 2U GrandTwin



AS-2117GT7-DNF

2U 2Node with up to 8x 2.5" or 8x E1.S or 8x E3.S per node

### Highly Configurable Single Processor System with Front I/O

Designed for high density, the GrandTwin® server is built on a multi-node architecture to fully exploit the performance of AMD EPYC™ 9006 processors for superior single-CPU performance.

#### Key Applications

- HPC
- HCI
- Cloud Computing
- CDN

# FLEXTWIN™ SYSTEM

## Liquid-Cooled Multi-Node Server for Maximum Density and Power Efficiency

### Per Node:

- Dual AMD EPYC™ 9006 SP7 series processors
- Up to 32 DIMMs 8TB DDR5-8000 RDIMM / 12800 MRDIMM in 1DPC
- 21" width OCP ORv3 rack compatible
- Up to 2 E1.S drive bays
- Power via busbar with power shelves
- Up to 2 PCIe 6.0 x16 FHHL + 1 PCIe 6.0 x16 HHHL or 1 PCIe 6.0 x16 AIOM/OCP 3.0 slots



AS-1127FT7-DEO-ALC

**New! H15** 10U Liquid-Cooled



AS-1127FT7-DEO-ALC

10U dual processor system with up to 2x E1.S drive per node

### Designed for High-Density Performance Computing

The FlexTwin™ 10U 2-Node system is designed for maximum CPU density, supporting dual-socket per node with AMD EPYC™ 9006 series CPUs with up to 256 cores per CPU, delivering up to 1,024 CPU cores per system.

Deployed in large clusters, the H15 FlexTwin™ system combines AMD's highly energy-efficient CPUs with Supermicro's advanced liquid cooling designs. These two factors help to lower your data center's Power Usage Effectiveness (PUE) and aid in reaching your sustainability goals.

### Key Applications

- HPC
- Oil and Gas
- Scientific Research
- Agentic AI
- Virtualization

# PETASCALE SYSTEMS

## Enterprise Storage Servers for AI and High-Performance Computing

### Per Node:

- Single AMD EPYC™ 9006 series processor
- Up to 16 DIMMs DDR5-8000 / MRDIMM 1DPC
- Up to 32x Hot-swap EDSFF E3.S/ E3.L (1T)
- Redundant 2000W/2700W Titanium Level power supplies



ASG-2117S7-NE332R

**New! H15** 2U Petascale Storage



ASG-2117S7-NE332R

2U Petascale storage server with 32x EDSFF drive

### All-Flash Storage with High Throughput and Low Latency for AI

The H15 Petascale storage systems are designed to store, process, and move the amounts of data that today's enterprises need—so whether you need a distributed scale-out storage server or a highly parallel virtualized environment, Supermicro's Petascale Storage Systems can be a valuable asset in your AI driven data center.

Based on Enterprise Data Center Standard Form Factor (EDSFF) E3.S and E1.S form factor NVMe storage, preparing you for the future generation of accelerated applications

### Key Applications

- HPC
- Software Defined Storage
- AI / ML
- Data Intensive Computing
- Inference & Retrieval

# SUPERBLADE® SYSTEMS

## Highest Density Multi-Node Server for Enterprise Cloud, HPC Applications

### Per Node:

- Single and Dual AMD EPYC™ 9006 series processor
- Up to 16x DIMMs DDR5-8000 / MRDIMM 1DPC
- Up to 4 E1.S or 4 E3.S or 2 U.2 NVMe
- Up to 4 PCIe 6.0 x16, (optional: dual AMD Instinct MI350P + 2 low profile AOC)
- Redundant 3000W Titanium Level power supplies across 10 nodes



SBA-827V7-1N

**New! H15** 8U UP SuperBlade®



SBA-817V7-1N

8U 10 node single processor blade server

**New! H15** 8U DP SuperBlade®



SBA-827V7-1N

8U 10 node dual processor blade server

### Single and Dual Socket Blade for Maximum Density, Performance, and Efficiency

H15 8U 10 SuperBlade represents next-generation, rack-scale breakthrough architecture for HPC, AI inference, agentic AI, and enterprise-class compute workloads with CPU and GPU. This server is optimized for maximum density, high performance, and efficiency, across a wide range of infrastructure deployments.

Offering single-socket systems with up to 256 cores per node and 1 FHFL GPU, scaling to the industry's highest-density air-cooled SuperBlade 8U 10 Nodes enclosure up to 2,560 cores and 10 FHFL GPU per 8U enclosure) and optional liquid-cooling support.

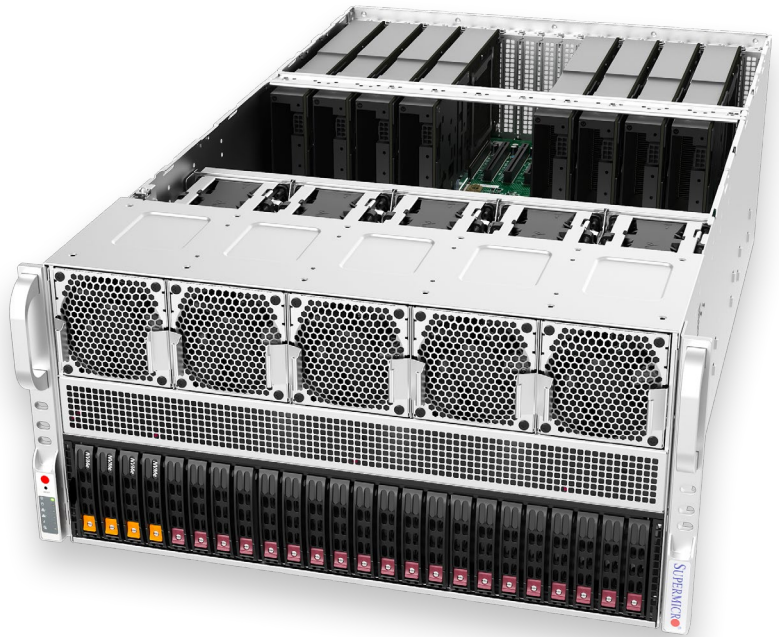
### Key Applications

- HPC
- Cloud Computing
- Agentic AI
- Enterprise Workload
- Virtualization

# 5U PCIe GPU SYSTEMS

Flexible, High Density GPU Systems for AI and HPC

- Dual AMD EPYC™ 9005/9004 series processors
- Support up to 10 double-width PCIe accelerators
- Up to 24 DIMMs 6TB DDR5-6400 in 1DPC
- Up to 13 PCIe 5.0 x16 FHFL slots
- Up to 8 front hot-swap 2.5" NVMe drive bays



AS-5126GS-TNRT



AS-5126GS-TNRT

5U dual processor, direct attached GPU system, supporting 8 PCIe 5.0 GPUs, AMD Instinct™, NVIDIA Enterprise level GPUs



AS-5126GS-TNRT2

5U dual processor, dual-root GPU system with PLX, supporting 10 PCIe 5.0 GPUs, AMD Instinct™, NVIDIA Enterprise level GPUs

## Maximum Acceleration 5U GPU Systems

The Supermicro 5U PCIe GPU servers are dual processor systems supporting up to 10 FHFL double-width PCIe GPUs, including the latest NVIDIA data center GPUs and AMD Instinct™ GPUs. This 5U GPU-optimized systems provide maximum acceleration, flexibility and balance for AI/ deep learning, HPC, and graphically-intensive workloads.

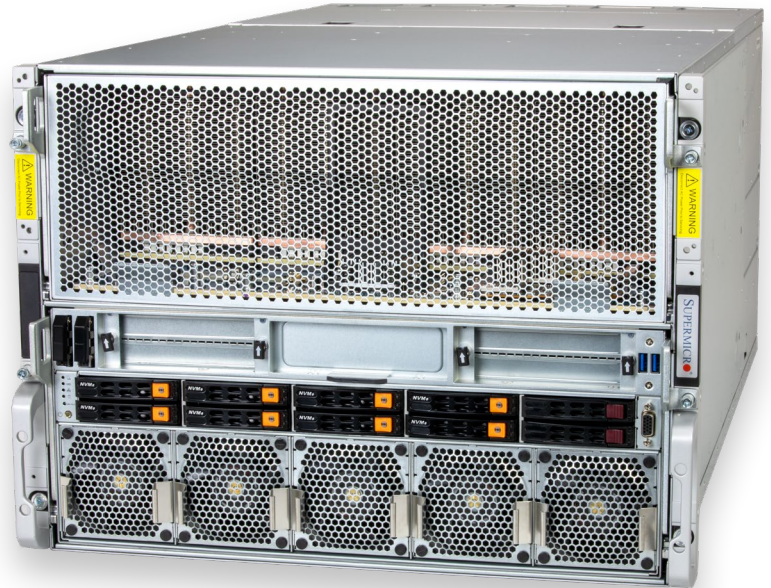
## Key Applications

- AI
- HPC
- 3D Rendering Farm
- Virtualization
- Research

# 8-GPU SYSTEMS

## Next-Gen Large Scale AI Training Platform

- Industry standard OCP Accelerator Module (OAM) with 8 accelerators interconnected on an AMD Instinct™ and NVIDIA HGX™
- Industry-leading up to 2TB HBM3e GPU memory in a single server node
- 1:1 400G networking dedicated for each GPU designed for large scale AI and supercomputing clusters
- Dual AMD EPYC™ 9005/9004 series processors
- Up to 24 DIMMs for up to 6 TB of DDR5-6400 memory



AS-8126GS-TNMR



AS-8126GS-TNMR

8U dual processor system with  
AMD Instinct™ MI325X or MI350 series GPUs



AS-4126GS-NMR-LCC

4U liquid-cooled dual processor system with AMD Instinct™ MI325X or MI350 series  
GPUs

### Streamline Deployment at Scale for AI & LLM

Built on Supermicro's proven AI building-block system architecture, the new 8-GPU system with the latest AMD Instinct™ and NVIDIA HGX™ GPUs streamline deployment at scale for the largest AI models and reduce lead time.

The 8-GPU air-cooled solution is feature maximized and power optimized supporting dedicated I/O and dedicated storage per GPU, full performance GPUs, CPUs, memory, and high-speed networking for large scale cluster deployments. These powerful GPUs enhance operations-per-second and performance-per watt at rack scale.

### Key Applications

- Large Scale Deep Learning
- Generative AI and Large Language Model Training
- AI-fused HPC applications
- Industrial Automation
- Business Intelligence & Analytics

# MICROCLOUD & MICROBLADE SYSTEMS

## Leading Multi-Node Architecture with Front I/O

### Per Node:

- Single and Dual AMD EPYC™ 4005 series processor
- Up to 192GB DDR5-5600MT/s (1DPC)/ 3600MT/s (2DPC), in 4 DIMM sockets
- Up to 4 internal 2.5" (2 NVMe and 2 SATA) drive bays
- Flexible networking with optional AIOM slots
- Redundant 2200W Titanium Level power supplies



AS-3015MR-H5TNR



AS-3015MR-H5TNR

3U 5-Node MicroCloud with double-width GPU support



AS-3015MR-H10TNR

3U 10-Node MicroCloud with single-width GPU support



MBA-315R-1G

6U MicroBlade system with up to 20 UP Blade servers



MBA-315R-5G

6U MicroBlade system with up to 10 UP Blade servers

### Multi-Node solutions with efficient AMD EPYC™ 4000 series Processors

Supermicro H13 MicroCloud is a 3U, 10-node system featuring AMD EPYC™ 4005/4004 series processors up to 16 cores per node, or 2080 cores in a 42U rack providing 3.3x density over traditional 1U systems. This 3U system offers optimized cooling and larger power supply to accommodate wide range of workloads, reducing space and facility cost allowing for high scalability without major infrastructure changes.

Supermicro 6U, 20-node MicroBlade system delivers cost-effective, green computing solution for Cloud Computing, Web Hosting, Dedicated Hosting, VDI, AI Inference, and Enterprise Workloads. Key benefits include up to 95% cable reduction with integrated Ethernet switches, 70% space savings, and 30% energy savings over traditional 1U servers.

### Key Applications

- HPC
- AI Inference
- Cloud Computing
- Online Gaming
- CDN
- Web Hosting Applications

# EDGE AI SYSTEMS

## Leading Multi-Node Architecture with Front I/O

### Per Node:

- Single AMD EPYC™ 4005 series processor
- Up to 4 DIMMs supporting up to 192GB DDR5-5600
- Up to 1 PCIe 5.0 x16 LP slots
- Up to 2 internal fixed 2.5" SATA drive bays
- 1 x 200W power supply



AS -1116R-FN4

### H14 Ultra-Short Depth



AS -1116R-FN4

1U Ultra-short depth 249mm chassis with AMD EPYC™ 4005/4004 65W server

### H14 Embedded System



AS -E300-14GR

Mini-1U embedded system with AMD EPYC™ 4004/4005 Series Processor up to 65W TDP

## Compact Systems Designed for Tight Spaces and Low Power Budgets

Supermicro Compact edge solutions are optimized for remote and on-premise locations where power and space are at a premium. Featuring the EPYC™ 4005 CPUs to provide maximum density and efficiency to edge data centers while also supporting multiple double-width GPUs for edge AI inferencing, the H13 short-depth systems feature front I/O, optional DC power supplies, and NEBS compliance, enabling easy integration into existing telco and edge infrastructure.

### Key Applications

- HPC
- Telco Edge
- Cloud Computing
- CDN
- Retail system

**New!** **H15 FLEXTWIN™**  
(For Complete System Only)



**New!** **H15 GRANDTWIN®**  
(For Complete System Only)

**2U GrandTwin®**



| MODEL                | AS -1127FT7-DEO-ALC                                                                                                                                                                              | AS -2117GT7-DNF                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 512C/1024T per node                                                                                                               | Single processor<br>AMD EPYC™ 9006 Series Processors<br>Up to 256C/512T per node                                                                                                                                                                                                                                                                                                       |
| Serverboard          | SUPER® H15DPT-F                                                                                                                                                                                  | SUPER® H15SPT-G                                                                                                                                                                                                                                                                                                                                                                        |
| Chipset              | System on Chip                                                                                                                                                                                   | System on Chip                                                                                                                                                                                                                                                                                                                                                                         |
| System Memory (Max.) | Slot Count: 32 DIMM slots<br>Max Memory (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 8TB 12800MT/s ECC DDR5 MRDIMM                                            | Slot Count: 16 DIMM slots/16 Channels<br>Max Memory (1DPC): Up to 4TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 4TB 12800MT/s ECC DDR5 MRDIMM                                                                                                                                                                                                                      |
| Expansion Slots      | Default<br>1 PCIe 6.0 x16 FHHL slot<br>Option A<br>1 PCIe 6.0 x16 FHHL slot<br>1 PCIe 6.0 x16 HHHL slot<br>Option B<br>1 PCIe 6.0 x16 FHHL slot<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible) | Option A<br>2 PCIe 6.0 x16 FHHL slot<br>Option B<br>1 PCIe 6.0 x16 FH/10.5"L double-width slot<br>Option C<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                                                                                                                            |
| Connectivity         | Via AIOM                                                                                                                                                                                         | Via IO Module                                                                                                                                                                                                                                                                                                                                                                          |
| VGA/Audio            | 1 mini-DP port                                                                                                                                                                                   | 1 VGA port                                                                                                                                                                                                                                                                                                                                                                             |
| Management           | Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!            | SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!                                                                                                                                                                                                         |
| Drive Bays/Storage   | Default: Total 2 bays per node<br>2 front hot-swap E1.S NVMe drive bays<br>M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110/2280)                                                                   | Default: Total 4 bays<br>4 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays<br>Option A: Total 8 bays<br>8 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays<br>Option B: Total 8 bays<br>8 front hot-swap E1.S PCIe 6.0 NVMe* drive bays<br>Option C: Total 8 bays<br>8 front hot-swap E3.S 1T PCIe 6.0 NVMe* drive bays<br>*Optional<br>M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110/2280) |
| Power Supply         | Power via Busbar (48-54V DC)                                                                                                                                                                     | 2x 2200W/3000W Redundant Titanium Level (96%) power supplies with smartpower feature                                                                                                                                                                                                                                                                                                   |
| Cooling System       | Up to 8 counter-rotating 40x40x56mm Fan(s) (optional)                                                                                                                                            | Up to 2x 18.7K RPM Heavy Duty 8cm Fan(s)                                                                                                                                                                                                                                                                                                                                               |
| Form Factor          | 1-OU Rackmount                                                                                                                                                                                   | 2U Rackmount                                                                                                                                                                                                                                                                                                                                                                           |

\*Drive support depends on selected configuration. Please see the parts list on product website for more details.

New!

# H15 HYPER

(For Complete System Only)

1U Hyper



2U Hyper



| MODEL                | AS-1127H7-N                                                                                                                                                                                                                                                                                                               | AS-2127H7-N                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 512C/1024T                                                                                                                                                                                                                                                 | Dual processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 512C/1024T                                                                                                                                                                                                                                                                                                                                                      |
| Serverboard          | SUPER <sup>®</sup> H15DPH                                                                                                                                                                                                                                                                                                 | SUPER <sup>®</sup> H15DPH                                                                                                                                                                                                                                                                                                                                                                                                      |
| Chipset              | System on Chip                                                                                                                                                                                                                                                                                                            | System on Chip                                                                                                                                                                                                                                                                                                                                                                                                                 |
| System Memory (Max.) | Slot Count: 32 DIMM slots<br>Max Memory (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 8TB 12800MT/s ECC DDR5 MRDIMM                                                                                                                                                                     | Slot Count: 32 DIMM slots<br>Max Memory (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 8TB 12800MT/s ECC DDR5 MRDIMM                                                                                                                                                                                                                                                                          |
| Expansion Slots      | Default<br>1 PCIe 6.0 x16 FHHL slot<br>2 PCIe 6.0 x16 FHFL slots<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                                                                                                         | Option A<br>4 PCIe 6.0 x16 FHFL double-width slots<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)<br>Option B<br>3 PCIe 6.0 x16 FHFL double-width slots<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)<br>Option C<br>2 PCIe 6.0 x16 FHFL double-width slots<br>2 PCIe 6.0 x8 FHFL slots<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                  |
| Connectivity         | Via AIOM                                                                                                                                                                                                                                                                                                                  | Via AIOM                                                                                                                                                                                                                                                                                                                                                                                                                       |
| VGA/Audio            | 1 VGA port                                                                                                                                                                                                                                                                                                                | 1 VGA port                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Management           | SuperCloud Composer <sup>®</sup> (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!; IPMIView                                                                                   | SuperCloud Composer <sup>®</sup> (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!; IPMIView                                                                                                                                                                                        |
| Drive Bays/Storage   | Option A: Total 12 bays<br>Up to 12 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays<br>Option B: Total 12 bays<br>Up to 12 front hot-swap E3.S 1T PCIe 6.0 NVMe* drive bays<br>Option C: Total 12 bays<br>Up to 12 front hot-swap E1.S PCIe 6.0 NVMe* drive bays<br><br>M2: 2 M.2 PCIe 4.0 x4 NVMe slots (M-key 2280/22110) | Option A: Total 24 bays<br>24 front hot-swap 2.5" PCIe 6.0 SAS*/SATA* drive bays<br>Option B: Total 16 bays<br>16 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays<br>Option C: Total 16 bays<br>16 front hot-swap E3.S 1T PCIe 6.0 NVMe* drive bays<br>Option D: Total 12 bays<br>12 front hot-swap E1.S PCIe 6.0 NVMe* drive bays<br><br>M2: 2 M.2 PCIe 4.0 x4 NVMe slots (M-key 2280/22110; Optional, hot-swappable with RAID) |
| Power Supply         | 2x 1600W/2000W/2600W/3200W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                                                                                          | 2x 1600W/2000W/2600W/3200W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                                                                                                                                                                                               |
| Cooling System       | 8 counter-rotating 40x40x56mm Fan(s)                                                                                                                                                                                                                                                                                      | 6 counter-rotating 60x60x56mm Fan(s)                                                                                                                                                                                                                                                                                                                                                                                           |
| Form Factor          | 1U Rackmount                                                                                                                                                                                                                                                                                                              | 2U Rackmount                                                                                                                                                                                                                                                                                                                                                                                                                   |

\*Drive support depends on selected configuration. Please see the parts list on product website for more details.

**New!** **H15 CloudDC**  
(For Complete System Only)

1U CloudDC



2U CloudDC



| MODEL                | AS-1117C7-N                                                                                                                                                                                                                                                                                                                         | AS-2117C7-N                                                                                                                                                                                                                                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Single processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 256C/512T                                                                                                                                                                                                                                                          | Single processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 256C/512T                                                                                                                                                                                                                                                                                            |
| Serverboard          | SUPER <sup>®</sup> H15SPHM                                                                                                                                                                                                                                                                                                          | SUPER <sup>®</sup> H15SPHM                                                                                                                                                                                                                                                                                                                                            |
| Chipset              | System on Chip                                                                                                                                                                                                                                                                                                                      | System on Chip                                                                                                                                                                                                                                                                                                                                                        |
| System Memory (Max.) | Slot Count: 16 DIMM slots/16 Channels<br>Max Memory (1DPC): Up to 4TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 4TB 12800MT/s ECC DDR5 MRDIMM                                                                                                                                                                   | Slot Count: 16 DIMM slots/16 Channels<br>Max Memory (1DPC): Up to 4TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 4TB 12800MT/s ECC DDR5 MRDIMM                                                                                                                                                                                                     |
| Expansion Slots      | Default<br>2 PCIe 6.0 x16 FHFL slots<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                                                                                                                                               | Default<br>1 PCIe 6.0 x16 AIOM slot (OCP 3.0 compatible)<br>Option A*<br>5 PCIe 6.0 x16 FHFL slots<br>Option B*<br>3 PCIe 6.0 x16 FHFL double-width slots<br>Option C*<br>4 PCIe 6.0 x16 FHFL slots<br>2 PCIe 6.0 x8 FHFL slots                                                                                                                                       |
| Connectivity         | Via AIOM                                                                                                                                                                                                                                                                                                                            | Via AIOM                                                                                                                                                                                                                                                                                                                                                              |
| VGA/Audio            | 1 VGA port (Rear)                                                                                                                                                                                                                                                                                                                   | 1 VGA port                                                                                                                                                                                                                                                                                                                                                            |
| Management           | SuperCloud Composer <sup>®</sup> (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); OOB Management Package (SFT-OOB-LIC ); SuperServer Automation Assistant (SAA) New!; IPMIView                                                      | SuperCloud Composer <sup>®</sup> (SCC); Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor <sup>®</sup> 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); OOB Management Package (SFT-OOB-LIC ); SuperServer Automation Assistant (SAA) New!                                                       |
| Drive Bays/Storage   | Option A: Total 12 bays<br>Up to 12 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays<br>Option B: Total 12 bays<br>Up to 12 front hot-swap E3.S 1T PCIe 6.0 NVMe* drive bays<br>Option C: Total 12 bays<br>Up to 12 front hot-swap E1.S PCIe 6.0 NVMe* drive bays<br><br>M2: 2 M.2 PCIe 4.0 x2 NVMe slots (M-key 2280/22110; Optional) | Option A: Total 16 bays<br>Up to 16 front hot-swap 2.5" PCIe 6.0 NVMe* drive bays<br>Option B: Total 16 bays<br>Up to 16 front hot-swap E3.S 1T PCIe 6.0 NVMe* drive bays<br>Option C: Total 12 bays<br>Up to 12 front hot-swap E1.S PCIe 6.0 NVMe* drive bays<br>*Optional<br>M2: 2 M.2 PCIe 4.0 x2 NVMe slots (M-key 2280/22110; Optional, hot-swappable with RAID) |
| Power Supply         | 2x 1000W/1600W/2000W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                                                                                                          | 1x 1600W/2000W/3200W Redundant Titanium Level (96%) power supply                                                                                                                                                                                                                                                                                                      |
| Cooling System       | 8 Counter-Rotating PWM 40x40x56mm Fan(s)                                                                                                                                                                                                                                                                                            | Up to Counter-Rotating PWM 60x60x56mm Fan(s)                                                                                                                                                                                                                                                                                                                          |
| Form Factor          | 1U Rackmount                                                                                                                                                                                                                                                                                                                        | 2U Rackmount                                                                                                                                                                                                                                                                                                                                                          |

\*Drive support depends on selected configuration. Please see the parts list on product website for more details.

**New!** **H15 SUPERBLADE®**  
(For Complete System Only)

**8U UP SuperBlade®**



**8U DP SuperBlade®**



| MODEL                | SBA-817V7-1N                                                                                                                                                                                                                                                                                                         | SBA-827V7-1N                                                                                                                                               |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Single processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 256C/512T                                                                                                                                                                                                                                           | Dual processor(s)<br>AMD EPYC™ 9006 Series Processors<br>Up to 256C/512T                                                                                   |
| Serverboard          | SUPER® BH15SPS-25G                                                                                                                                                                                                                                                                                                   | SUPER® BH15DPS-25G                                                                                                                                         |
| Chipset              | N/A                                                                                                                                                                                                                                                                                                                  | System on Chip                                                                                                                                             |
| System Memory (Max.) | Slot Count: 16 DIMM Slots/ 16 Channels<br>Max Memory: (1DPC): Up to 4TB 8000MT/s ECC DDR5 RDIMM/3DS RDIMM<br>Max Memory (1DPC): Up to 4TB 12800MT/s ECC DDR5 MRDIMM                                                                                                                                                  | Slot count: 32 DIMM Slots / 32 Channels<br>Max Memory: (1DPC): Up to 8TB 8000MT/s ECC DDR5 RDIMM<br>Max Memory (1DPC): Up to 8TB 12800MT/s ECC DDR5 MRDIMM |
| Expansion Slots      | Up to 4 x PCIe Gen6 x16<br>- 1 x FHFL (Dual slot)* GPU + 2 x Std low profile AOC<br>- 2 x FHFL (Single slot) GPU + 2 x Std low profile AOC                                                                                                                                                                           | Up to 3 x PCIe Gen6 x16 slots<br>- 1 x FHHL card<br>- 1 x HHHL card<br>- 1 x AIOM (OCP 3.0)                                                                |
| Connectivity         | Via IO Module                                                                                                                                                                                                                                                                                                        | Via AIOM                                                                                                                                                   |
| VGA/Audio            | Onboard 2 x 25GbE Network Port (LOM)                                                                                                                                                                                                                                                                                 | Onboard Dual-port 25G Ethernet                                                                                                                             |
| Management           | Chassis Management Module (CMM); SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!                                                                                                      | Aspeed AST2700 BMC / HW RoT / TPM 2.0                                                                                                                      |
| Drive Bays/ Storage  | Option A: 4 Hot-swap E1.S NVMe SSDs<br>Option B: 4 Hot-swap E3.S NVMe SSDs<br>Option C: 2 Hot-swap U.2 NVMe SSDs<br>Option D: 6 Hot-swap M.2 NVMe SSDs<br>(May require additional storage controller and/or cables for each of the form factors)<br>*Optional:<br>M2: 2 M.2 NVMe drives (M-key 2280) (Optional RAID) | Option A: 4 x Hot-swap E1.S NVMe SSDs Option B: 2 x Hot-swap U.2 NVMe SSDs<br>2 x M.2 NVMe drives (M-key 2280)(Optional RAID)                              |
| Power Supply         | 8 x 3000W Redundant (N+N) / N+1) Titanium (96%) across 10 nodes                                                                                                                                                                                                                                                      | Up to 8x 3000W (Titanium level, 96%) Shared Supplies per Enclosure                                                                                         |
| Cooling System       | Up to 5 counter-rotating 80x80x80mm Axial Fan(s)                                                                                                                                                                                                                                                                     | Air Cooled or Liquid Cooled                                                                                                                                |
| Form Factor          | 8U 10N                                                                                                                                                                                                                                                                                                               | 8U 10N Enclosure                                                                                                                                           |

\*Drive support depends on selected configuration. Please see the parts list on product website for more details.

# H14 FLEXTWIN™

(For Complete System Only)

2U 4-Node Liquid-Cooled



2U 4-Node Liquid-Cooled



| MODEL                | AS -2126FT-HE-LCC                                                                                                                                                                                             | AS -2126FT-HE-ALC                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 384C/768T per node                                                                                                                        | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T; Up to 512MB Cache per CPU                                                                                                                                                                                                                                                                                                                 |
| Serverboard          | SUPER® H14DST-F                                                                                                                                                                                               | SUPER® H14DST-FL                                                                                                                                                                                                                                                                                                                                                                                                         |
| Chipset              | System on Chip                                                                                                                                                                                                | System on Chip                                                                                                                                                                                                                                                                                                                                                                                                           |
| System Memory (Max.) | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM                                                                                                                                                                                                                                                                                                                                        |
| Expansion Slots      | Default<br>1 PCIe 5.0 x16 LP slot<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)<br>Option A<br>1 PCIe 5.0 x16 LP slot<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)<br>1 PCIe 5.0 x16 FHHL slot         | Default<br>1 PCIe 5.0 x16 LP slot<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)<br>Option A*<br>1 PCIe 5.0 x16 (in x16) LP slot<br>1 PCIe 5.0 x16 (in x16) AIOM slot (OCP 3.0 compatible)<br>1 PCIe 5.0 x16 (in x16) FHHL slot<br>(*Requires additional parts, please see the optional parts list for details. For more details on PCIe slot configuration options, please refer to the system callout images above.) |
| Connectivity         | Via AIOM                                                                                                                                                                                                      | Via AIOM                                                                                                                                                                                                                                                                                                                                                                                                                 |
| VGA/Audio            | 1 VGA port                                                                                                                                                                                                    | 1 VGA port                                                                                                                                                                                                                                                                                                                                                                                                               |
| Management           | Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b>                  | Supermicro Server Manager (SSM)<br>Super Diagnostics Offline (SDO)<br>KVM with dedicated LAN<br>IPMI 2.0<br>Supermicro Thin-Agent Service (TAS)<br>SuperServer Automation Assistant (SAA) <b>New!</b>                                                                                                                                                                                                                    |
| Drive Bays/Storage   | Option A: Total 2 bays<br>2 front hot-swap E1.S NVMe drive bays<br>M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110; optional configuration)                                                                     | Option A: Total 2 bays<br>2 front hot-swap E1.S NVMe drive bays<br>2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110; optional configuration)                                                                                                                                                                                                                                                                                    |
| Power Supply         | 4x 2000W/3200W Redundant (1+1) Titanium Level (96%) power supplies with smartpower feature                                                                                                                    | 2x 2000W/2700W/3200W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                                                                                                                                                                                               |
| Cooling System       | 16 counter-rotating 40x40x56mm Fan(s)                                                                                                                                                                         | 16 counter-rotating 40x40x56mm Fan(s)                                                                                                                                                                                                                                                                                                                                                                                    |
| Form Factor          | 2U Rackmount                                                                                                                                                                                                  | 2U Rackmount                                                                                                                                                                                                                                                                                                                                                                                                             |

# H14 GPU

(For Complete System Only)

8U GPU



4U Liquid-Cooled



| MODEL                | AS -8126GS-TNMR                                                                                                                                                                                                                                   | AS -4126GS-NMR-LCC                                                                                                                                                                                                                                |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 384C/768T                                                                                                                                                                     | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 384C/768T                                                                                                                                                                     |
| Serverboard          | SUPER <sup>®</sup> H14DSG-OD                                                                                                                                                                                                                      | SUPER <sup>®</sup> H14DSG-OD                                                                                                                                                                                                                      |
| Chipset              | System on Chip                                                                                                                                                                                                                                    | System on Chip                                                                                                                                                                                                                                    |
| System Memory (Max.) | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                                     | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                                     |
| Expansion Slots      | Default<br>8 PCIe 5.0 x16 LP slots<br>2 PCIe 5.0 x16 FHHL slots                                                                                                                                                                                   | Default<br>8 PCIe 5.0 x16 LP slots<br>2 PCIe 5.0 x16 FHHL slots                                                                                                                                                                                   |
| Connectivity         | 2 RJ45 10GbE with Intel® X710                                                                                                                                                                                                                     | 2 RJ45 10GbE with Intel® X710                                                                                                                                                                                                                     |
| VGA/Audio            | 1 VGA port                                                                                                                                                                                                                                        | 1 VGA port                                                                                                                                                                                                                                        |
| Management           | SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> | SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> |
| Drive Bays/Storage   | Default: Total 10 bays<br>2 front hot-swap 2.5" SATA drive bays<br>8 front hot-swap 2.5" NVMe drive bays<br>M2: 2 M.2 NVMe slots (M-key)                                                                                                          | Default: Total 8 bays<br>8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays<br>M2: 2 M.2 NVMe slots (M-key)                                                                                                                                        |
| Power Supply         | 6x 5250W Redundant (3 + 3) Titanium Level (96%) power supplies                                                                                                                                                                                    | 4x 6600W Redundant (2 + 2) Titanium Level (96%) power supplies                                                                                                                                                                                    |
| Cooling System       | 10 heavy duty fans with optimal fan speed control                                                                                                                                                                                                 | 5x 6cm heavy duty fans with optimal fan speed control                                                                                                                                                                                             |
| Form Factor          | 8U Rackmount                                                                                                                                                                                                                                      | 4U Rackmount                                                                                                                                                                                                                                      |

# H14 GPU

(For Complete System Only)

8U GPU Server



4U GPU Server



| MODEL                | AS -8126GS-NB3RT                                                                                                                                                                                                                                                      | AS -4126GS-NB3RT-LCC                                                                                                                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9005 series processors<br>Up to 384C/768T                                                                                                                                                                                              | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T; Up to 384MB Cache per CPU                                                                                                                                                     |
| Serverboard          | SUPER <sup>®</sup> H14DSG-OM                                                                                                                                                                                                                                          | SUPER <sup>®</sup> H14DSG-OM                                                                                                                                                                                                                                 |
| Chipset              | System on Chip                                                                                                                                                                                                                                                        | System on Chip                                                                                                                                                                                                                                               |
| System Memory (Max.) | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM                                                                                                                             | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)                                                |
| Expansion Slots      | Default<br>2 PCIe 5.0 x16 FHHL slots<br>Option A*<br>2 PCIe 5.0 x16 FHHL slots<br>(*Requires additional parts, please see the optional parts list for details. For more details on PCIe slot configuration options, please refer to the system callout images above.) | Default<br>2 PCIe 5.0 x16 FHHL slots<br>Option A<br>2 PCIe 5.0 x16 FHHL slots<br>2 PCIe 5.0 x16 HHHL slots                                                                                                                                                   |
| Connectivity         | 8 OSFP 800GbE<br>2 RJ45 10GbE                                                                                                                                                                                                                                         | 8 OSFP 800GbE<br>2 RJ45 10GbE                                                                                                                                                                                                                                |
| VGA/Audio            | 1 VGA port<br>1 mini-DP port                                                                                                                                                                                                                                          | 1 VGA port<br>1 mini-DP port                                                                                                                                                                                                                                 |
| Management           | SuperCloud Composer® (SCC)<br>Supermicro Server Manager (SSM)<br>Super Diagnostics Offline (SDO)<br>Supermicro Thin-Agent Service (TAS)<br>SuperServer Automation Assistant (SAA) New!<br>SFT-DCMS-SINGLE                                                             | SuperCloud Composer® (SCC)<br>Supermicro Server Manager (SSM)<br>Supermicro Update Manager (SUM)<br>Supermicro SuperDoctor® 5 (SD5)<br>Super Diagnostics Offline (SDO)<br>Supermicro Thin-Agent Service (TAS)<br>SuperServer Automation Assistant (SAA) New! |
| Drive Bays/Storage   | Default: Total 8 bays<br>8 front hot-swap E1.S NVMe drive bays<br>M2: 2 M.2 NVMe slots (M-key)                                                                                                                                                                        | Default: Total 8 bays<br>8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays<br>M2: 2 M.2 NVMe slots (M-key 2280/22110; RAID support via S3808N controller)                                                                                                    |
| Power Supply         | 6x 6600W Redundant (3 + 3) Titanium Level (96%) power supplies                                                                                                                                                                                                        | 6x 6600W Redundant (3 + 3) Titanium Level (96%) power supplies                                                                                                                                                                                               |
| Cooling System       | Up to 12 heavy duty fans with optimal fan speed control                                                                                                                                                                                                               | Up to 4 Hot-swappable rear fans with optimal fan speed control<br>80x80x80mm Fan(s)                                                                                                                                                                          |
| Form Factor          | 8U Rackmount                                                                                                                                                                                                                                                          | 4U Rackmount                                                                                                                                                                                                                                                 |

# H14 GPU

(For Complete System Only)

10U GPU



4U Liquid-Cooled



| MODEL                | AS -A126GS-TNBR                                                                                                                                                                                                                                   | AS -A126GS-NBR-LCC                                                                                                                                                                                                                                |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 384C/768T                                                                                                                                                                     | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T; Up to 384MB Cache per CPU                                                                                                                                          |
| Serverboard          | SUPER <sup>®</sup> H14DSG-OD                                                                                                                                                                                                                      | SUPER <sup>®</sup> H14DSG-OD                                                                                                                                                                                                                      |
| Chipset              | System on Chip                                                                                                                                                                                                                                    | System on Chip                                                                                                                                                                                                                                    |
| System Memory (Max.) | Slot Count: 24 DIMM slots/1 Channels<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                          | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                                     |
| Expansion Slots      | Default<br>8 PCIe 5.0 x16 LP slots<br>2 PCIe 5.0 x16 FHHL slots                                                                                                                                                                                   | Default<br>8 PCIe 5.0 x16 LP slots<br>2 PCIe 5.0 x16 FHHL slots                                                                                                                                                                                   |
| Connectivity         | 2 RJ45 10GbE with Intel® X710                                                                                                                                                                                                                     | 2 RJ45 10GbE with Intel® X710                                                                                                                                                                                                                     |
| VGA/Audio            | 1 VGA port                                                                                                                                                                                                                                        | 1 VGA port                                                                                                                                                                                                                                        |
| Management           | SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> | SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> |
| Drive Bays/Storage   | Default: Total 10 bays<br>8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays<br>2 front hot-swap 2.5" SATA drive bays<br>Option A: Total 8 bays<br>8 front hot-swap E1.S NVMe* drive bays<br>*Optional<br>M2: 2 M.2 NVMe slots (M-key)             | Default: Total 8 bays<br>8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays<br>M2: 2 M.2 NVMe slots (M-key)                                                                                                                                        |
| Power Supply         | 6x 5250W Redundant (3 + 3) Titanium Level (96%) power supplies                                                                                                                                                                                    | 6x 6600W Redundant (3 + 3) Titanium Level (96%) power supplies                                                                                                                                                                                    |
| Cooling System       | 19x 8cm heavy duty fans with optimal fan speed control                                                                                                                                                                                            | 5x 6cm heavy duty fans with optimal fan speed control                                                                                                                                                                                             |
| Form Factor          | 10U Rackmount                                                                                                                                                                                                                                     | 4U Rackmount                                                                                                                                                                                                                                      |

# H14 PCIe GPU

(For Complete System Only)

## 4U 8 PCIe 5.0 GPUs



## 4U 10 PCIe 5.0 GPUs



| MODEL                | AS -5126GS-TNRT                                                                                                                                                                                                               | AS -5126GS-TNRT2                                                                                                                                                                                                              |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T                                                                                                                                                 | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T                                                                                                                                                 |
| Serverboard          | SUPER <sup>®</sup> H14DSG-O-CPU                                                                                                                                                                                               | SUPER <sup>®</sup> H14DSG-O-CPU                                                                                                                                                                                               |
| Chipset              | System on Chip                                                                                                                                                                                                                | System on Chip                                                                                                                                                                                                                |
| System Memory (Max.) | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                 | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                 |
| Expansion Slots      | Default<br>9 PCIe 5.0 x16 FHFL slots                                                                                                                                                                                          | Default<br>Option A<br>13 PCIe 5.0 x16 FHFL slots                                                                                                                                                                             |
| Connectivity         | 2 RJ45 10GbE                                                                                                                                                                                                                  | 2 RJ45 10GbE                                                                                                                                                                                                                  |
| VGA/Audio            | 1 VGA port                                                                                                                                                                                                                    | 1 VGA port                                                                                                                                                                                                                    |
| Management           | SuperCloud Composer <sup>®</sup> ; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> | SuperCloud Composer <sup>®</sup> ; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> |
| Drive Bays/Storage   | Default: Total 6 bays<br>2 front hot-swap 2.5" SATA drive bays<br>4 front hot-swap 2.5" NVMe drive bays<br>M2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)                                                                            | Default: Total 10 bays<br>2 front hot-swap 2.5" SATA drive bays<br>8 front hot-swap 2.5" NVMe drive bays<br>M2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)                                                                           |
| Power Supply         | 6x 2700W Redundant (4 + 2) Titanium Level (96%) power supplies                                                                                                                                                                | 6x 2700W Redundant (4 + 2) Titanium Level (96%) power supplies                                                                                                                                                                |
| Cooling System       | 10 heavy duty fans with optimal fan speed control                                                                                                                                                                             | 10 heavy duty fans with optimal fan speed control                                                                                                                                                                             |
| Form Factor          | 5U Rackmount                                                                                                                                                                                                                  | 5U Rackmount                                                                                                                                                                                                                  |

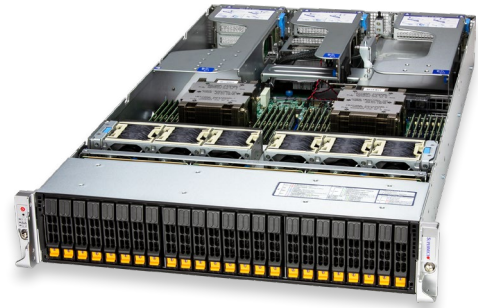
# H14 HYPER

(For Complete System Only)

1U Hyper



2U Hyper



| MODEL                | AS -1126HS-TN                                                                                                                                                                                                                              | AS -2126HS-TN                                                                                                                                                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 384C/768T                                                                                                                                                              | Dual processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 384C/768T                                                                                                                                                              |
| Serverboard          | SUPER <sup>®</sup> H14DSH                                                                                                                                                                                                                  | SUPER <sup>®</sup> H14DSH                                                                                                                                                                                                                  |
| Chipset              | System on Chip                                                                                                                                                                                                                             | System on Chip                                                                                                                                                                                                                             |
| System Memory (Max.) | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                              | Slot Count: 24 DIMM slots<br>Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                              |
| Expansion Slots      | Default<br>1 PCIe 5.0 x16 FHHL slot<br>2 PCIe 5.0 x16 FHFL slots<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                          | Up to 8 PCIe 5.0 x8 or<br>4 PCIe 5.0 x16 FHFL or<br>Mix and match<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                         |
| Connectivity         | Via AIOM                                                                                                                                                                                                                                   | Via AIOM                                                                                                                                                                                                                                   |
| VGA/Audio            | 1 VGA port                                                                                                                                                                                                                                 | 1 VGA port                                                                                                                                                                                                                                 |
| Management           | SuperCloud Composer <sup>®</sup> ; Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> ; IPMIView | SuperCloud Composer <sup>®</sup> ; Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) <b>New!</b> ; IPMIView |
| Drive Bays/Storage   | 8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 12 drives)<br>M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)                                                                                                | 8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 24 drives)<br>M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)                                                                                                |
| Power Supply         | 2x 1200W/1600W/2000W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                 | 2x 1600W/2000W/2600W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                 |
| Cooling System       | 8 counter-rotating 40x40x56mm Fan(s)                                                                                                                                                                                                       | 6 counter-rotating 60x60x56mm Fan(s)                                                                                                                                                                                                       |
| Form Factor          | 1U Rackmount                                                                                                                                                                                                                               | 2U Rackmount                                                                                                                                                                                                                               |

\*Drive support depends on selected configuration. Please see the parts list on product website for more details.

# H14 CloudDC

(For Complete System Only)

1U CloudDC



# H14 GRANDTWIN®

(For Complete System Only)

2U2N GrandTwin



2U4N GrandTwin



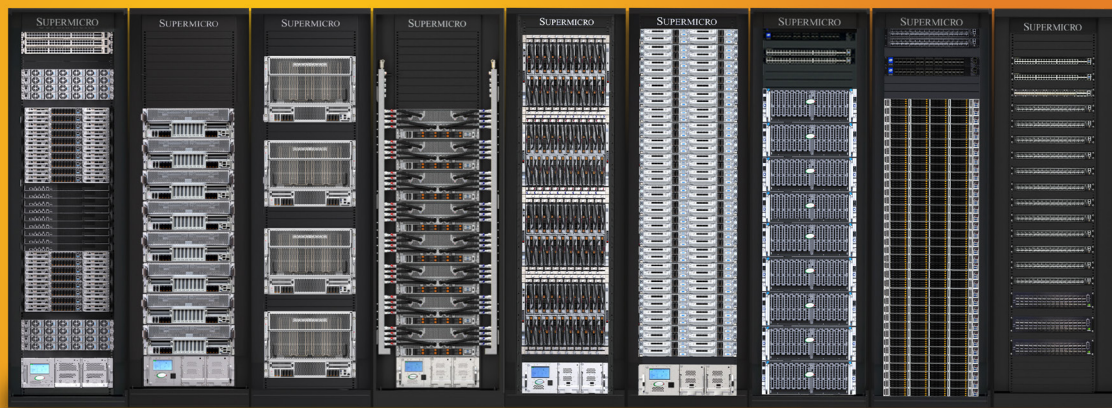
| MODEL                | AS -1116CS-TN                                                                                                                                                                                                                                                | AS -2116GT-DTNF                                                                                                                                                                                                                                                                                   | AS-2116GT-HNTF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor Support    | Single processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T                                                                                                                                                                              | Single processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T per node                                                                                                                                                                                                          | Single processor(s)<br>AMD EPYC™ 9005/9004 series processors<br>Up to 192C/384T per node                                                                                                                                                                                                                                                                                                                                                                                                          |
| Serverboard          | SUPER● H14SHM                                                                                                                                                                                                                                                | SUPER● H14SST-GE                                                                                                                                                                                                                                                                                  | SUPER● H14SST-G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Chipset              | System on Chip                                                                                                                                                                                                                                               | System on Chip                                                                                                                                                                                                                                                                                    | System on Chip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| System Memory (Max.) | Slot Count: 12 DIMM slots/12 Channels<br>Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)<br>Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)                                    | Slot Count: 12 DIMM slots/1 Channels<br>Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM                                                                                                                                                                                                      | Slot Count: 16 DIMM slots<br>Max Memory (1DPC): Up to 2TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor)<br>Max Memory (2DPC): Up to 4TB 4400MT/s ECC DDR5 1R RDIMM (AMD EPYC™ 9005 Series Processor)<br>Max Memory (2DPC): Up to 4TB 4000MT/s ECC DDR5 2R RDIMM (AMD EPYC™ 9005 Series Processor)<br>Max Memory (1DPC): Up to 2TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)<br>Max Memory (2DPC): Up to 4TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor) |
| Expansion Slots      | Default<br>2 PCIe 5.0 x16 FHHL slots<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                                                                        | Default<br>1 PCIe 5.0 x16 (in x16) FHHL slot<br>Option A*<br>1 PCIe 5.0 x16 (in x16) FHHL slot<br>Option B*<br>1 PCIe 5.0 x16 (in x16) FH/10.5"L double-width slot                                                                                                                                | Option A<br>1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Connectivity         | Via AIOM                                                                                                                                                                                                                                                     | Via IO Module                                                                                                                                                                                                                                                                                     | Via IO Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| VGA/Audio            | 1 VGA port (Rear)                                                                                                                                                                                                                                            | 1 VGA port                                                                                                                                                                                                                                                                                        | 1 VGA port                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Management           | SuperCloud Composer®; Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); KVM with dedicated LAN ; IPMI 2.0; Supermicro Thin-Agent Service (TAS); OOB Management Package (SFT-OOB-LIC ); SuperServer Automation Assistant (SAA) New!; IPMIView | SuperCloud Composer® (SCC)<br>Supermicro Server Manager (SSM)<br>Super Diagnostics Offline (SDO)<br>Supermicro Thin-Agent Service (TAS)<br>SuperServer Automation Assistant (SAA) New!                                                                                                            | SuperCloud Composer® (SCC)<br>Supermicro Server Manager (SSM)<br>Super Diagnostics Offline (SDO)<br>Supermicro Thin-Agent Service (TAS)<br>SuperServer Automation Assistant (SAA) New!                                                                                                                                                                                                                                                                                                            |
| Drive Bays/Storage   | 8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 12 drives)<br>M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)                                                                                                                  | Default: Total 4 bays<br>4 front hot-swap 2.5" PCIe 5.0 x4 NVMe*/SATA* drive bays<br>Option A: Total 6 bays<br>6 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays<br>(*NVMe/SATA support may require additional storage controller and/or cables, please see the optional parts list for details) | Default: Total 4 bays<br>4 front hot-swap 2.5" NVMe/SATA drive bays                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Supply         | 2x 1000W/1200/16000/20000 Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                              | 2x 2200W/3000W Redundant (1 + 1) Titanium Level (96%) power supplies                                                                                                                                                                                                                              | 2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies with smartpower feature                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cooling System       | 8 Counter-Rotating PWM 40x40x56mm Fan(s)                                                                                                                                                                                                                     | Up to 2x 17.6K RPM Heavy Duty 8cm Fan(s)                                                                                                                                                                                                                                                          | Up to 2x 17.6K RPM Heavy Duty 8cm Fan(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form Factor          | 1U Rackmount                                                                                                                                                                                                                                                 | 2U Rackmount                                                                                                                                                                                                                                                                                      | 2U Rackmount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

\*Drive support depends on selected configuration. Please see the parts list on product website for more details.



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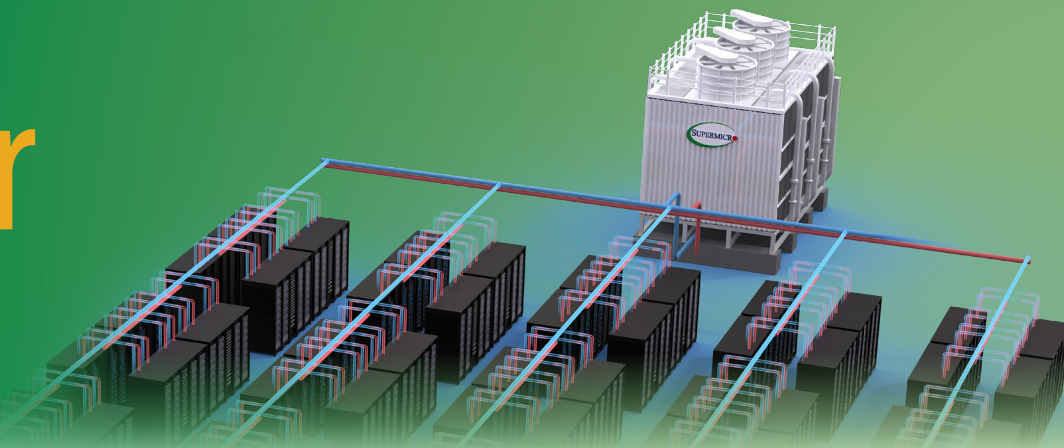
# Faster

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