A+ Server Solutions

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

SUPERMICRO H14 & H13 GENERATION SERVERS

The Most Comprehensive Portfolio of AMD Processor-Based Systems,
now with AMD EPYC™ 9005 series processors, Including Servers, Storage, GPU-Optimized, and
Multi-Node Solutions to Exactly Match System Requirements to Your Workloads

May 2025

INTRODUCING
H14 GENERATION A+ SERVERS

EPYC™ 9005 SERIES PROCESSORS

• Up to 192 cores 384 threads per socket

• Up to 6TB of memory of DDR5 with ECC 6400MT/s and Advanced Memory Device Correction (AMDC) and supports 2 DIMMs per channel (2DPC) with single socket

• PCIe 5.0 up to 160 lanes

• 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

• Flexibile networking options with Advanced I/O Modules (AIOMs), up to 400Gbps throughput per card and OCP 3.0 support

• Market-leading GPU optimized servers for large scale AI/ML and HPC workloads

• Compute Express Link (CXL 2.0) peripheral support including memory expansion through PCIe 5.0 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

• Efficient resource-saving multi-node designs with shared power and cooling.

H14 FlexTwin™ Liquid-Cooled System
2U Liquid-cooled multi-node Architecture for high-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

H14 Hyper System
Industry Leading IOPS Servers with Energy Efficiency and Flexibility

H14 CloudDC System
All-in-One Servers with Flexible I/O Options for Cloud Scale Data Centers

H14 GrandTwin® System
Leading Multi-Node Architecture with Front I/O

H14 FLEXTWIN™ SYSTEM
Liquid-Cooled Multi-Node Server for Maximum Density and Power Efficiency

Per Node:

Dual AMD EPYC™ 9005/9004 series processors

Up to 24 DIMMs 6TB DDR5-6400 in 1DPC

1 OCP 3.0 compatible AIOM slot

Optional 2 E1.S drive bays

Up to 4 redundant 3200W Titanium Level power supplies

AS -2126FT-HE-LCC

2U 4 Node Liquid-Cooled

AS -2126FT-HE-LCC
2U dual processor system with up to 2 E1.S drives per node

Designed for High-Density Performance Computing

The FlexTwin™ multi-node system is designed for high density, with four 2-socket servers per 2U chassis. Equipped with the latest AMD EPYC™ 9005 series CPUs with up to 192 cores per socket.

Deployed in large clusters, the H14 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

H14 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

H14 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 New!
8U dual processor system with AMD Instinct™ MI325X or MI350 series GPUs

AS -A126GS-TNBR New!
10U dual processor system with NVIDIA HGX™ B200 GPUs

AS -4126GS-NBR-LCC New!
4U liquid-cooled dual processor system with NVIDIA HGX™ B200 GPUs

AS -4126GS-NMR-LCC New!
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

H14 HYPER SYSTEMS
Industry Leading IOPS Rackmount Servers with Energy Efficiency and Flexibility

Dual AMD EPYC™ 9005/9004 series processors
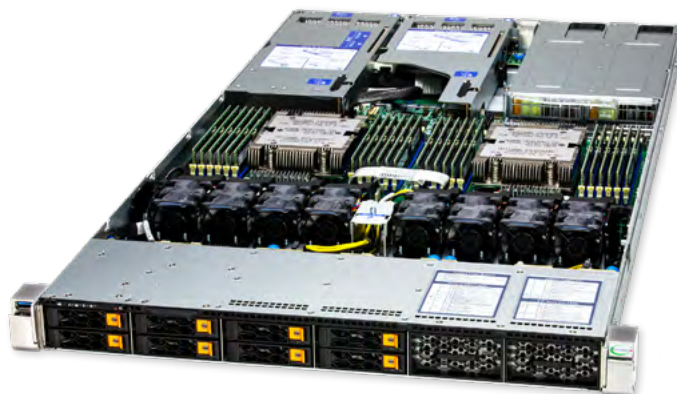
Up to 24 DIMMs 6TB DDR5-6400 in 1DPC

3 PCIe 5.0x 16 (1U),
up to 4 PCIe 5.0 x16 or 8 PCIe 5.0 x8 (2U)

Capable to support GPU and CXL 2.0

Up to 12 front hot-swap 2.5" NVMe/ SAS/SATA drives (1U)

Up to 24 front hot-swap 2.5" NVMe/ SAS/SATA drives (2U)

Flexible networking options with
1 AIOM/OCP 3.0 support

AS -1126HS-TN

1U Hyper

AS -1126HS-TN

*1U dual processor server with 24 DIMMs and
up to 12 hot-swap 2.5" NVMe/SATA/SAS drives*

2U Hyper

AS -2126HS-TN

*2U dual processor server with 24 DIMMs and
up to 24 hot-swap 2.5" NVMe/SATA/SAS drives*

Highest Performance A+ Hyper Servers

The H14 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 5th Gen AMD EPYC™ processors, offering up to 192 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

H14 CLOUDDC SYSTEMS
All-in-One Servers with Flexible I/O Options for Cloud-Scale Data Centers

Single AMD EPYC™ 9005/9004 series processor

Up to 12 DIMMs 3TB DDR5-6400 in 1DPC

Designed with DC-MHS compliance

2 PCIe 5.0 x16 FHHL slots

Flexible networking option with
1 AIOM/ OCP3 support

Up to 12 front hot-swap 2.5"
NVMe/SAS/SATA drives

AS -1116CS-TN

1U CloudDC

AS -1116CS-TN
1U single processor server with 12 DIMMS and
up to 12 hot-swap 2.5" NVMe/SATA/SAS drives

Cost Optimized Versatile Solutions for Rapid Cloud Deployment and Easy Maintenance

H14 CloudDC are single-socket systems optimized for AMD EPYC™ 9005 series processors with up to 192 cores, and 384 threads—ready to power a wide range of cloud workloads.

The H14 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

H14 GRANDTWIN® SYSTEMS
Leading Multi-Node Architecture with Front I/O

Per Node:

Single AMD EPYC™ 9005/9004 series processor

Up to 16 DIMMs 4TB DDR5-4400 in 2DPC

Up to 4 front hot-swap 2.5" NVMe/SATA drives

Flexible networking with optional AIOM slots

Redundant 2200W Titanium Level power supplies

AS -2116GT-HNTF

AS-2116GT-HNTF
2U system with up to 4 NVMe /SATA drives 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™ 9005/9004 processors for superior single-CPU performance.

H14 update to the GrandTwin® design includes the capability to support single EPYC™ 9005 series processors, higher memory capability, and an optional PCIe 5.0 x16 AIOM slot. The GrandTwin® system delivers high performance in a modular design that can be optimized for a wide range of options, with the capability to add or remove components as needed to match data center needs.

Key Applications

- HPC
- Telco Edge
- Cloud Computing
- EDA
- CDN
- Web Hosting Applications

Supermicro A+ H13 Servers with AMD EPYC™ 9004/9005 series processors Support

Up to 400W with H13 Motherboard R2.xx

GrandTwin®

*Leading Multi-Node Architecture
with Front and Rear I/O*

GPU

*Flexible, High Density GPU Systems
for AI and HPC*

Storage

*Cloud-Density Storage System Optimized
for Software-Defined Data Centers*

CloudDC

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

Hyper DP

*Industry Leading IOPS Server
with Energy Efficiency and Flexibility*

Hyper UP

*Industry Leading IOPS Server
with Energy Efficiency and Flexibility*

	Server	Motherboard	Prevision version	New version to support AMD EPYC™ 9004/9005 series processors
H13 Hyper	AS -1125HS-TNR AS -2025HS-TNR AS -2125HS-TNR	H13DSH	R1.10	R2.00 or later
H13 CloudDC	AS -1015CS-TNR AS -1115CS-TNR AS -2015CS-TNR	H13SSW	R1.02	R2.00 or later
H13 Simply Double	ASG-2015S-E1CR24H ASG-2015S-E1CR24L			
H13 Hyper U	AS -1115HS-TNR AS -2015HS-TNR AS -2115HS-TNR	H13SSH	R1.01B	R2.00 or later
H13 4U GPU	AS -4125GS-TNRT AS -4125GS-TNRT1 AS -4125GS-TNRT2	H13DSG-O-CPU	R1.20	R2.00 or later
Delta Next	AS -8125GS-TNHR	H13DSG-O-CPU-D	R1.20	R2.00 or later
H13 GrandTwin	AS -2115GT-HNTR AS -2115GT-HNTF	H13SST-G	R1.10A	R2.00 or later
H13 Storage	ASG-1115S-NE316R ASG-2115S-NE332R ASG-1115S-NE3X12R	H13SSF	R1.02A	R2.00 or later

* Please Check Supermicro Website for More Detail

H14 FLEXTWIN™

(For Complete System Only)

2U 4-Node Liquid-Cooled

MODEL	AS -2126FT-HE-LCC
Processor Support	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 192C/384T; Up to 512MB Cache per CPU
Serverboard	SUPER●® H14DST-F
Chipset	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)
Expansion Slots	Default 1 PCIe 5.0 x16 LP slot 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible) Option A 1 PCIe 5.0 x16 (in x16) LP slot 1 PCIe 5.0 x16 (in x16) AIOM slot (OCP 3.0 compatible) 1 PCIe 5.0 x16 (in x16) FHHL slot
Connectivity	Via AIOM
VGA/Audio	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!
Drive Bays/ Storage	Option A: Total 2 bays 2 front hot-swap E1.S NVMe drive bays M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110; optional configuration)
Power Supply	4x 2000W Redundant (1+1) Titanium Level (96%) power supplies
Cooling System	16 counter-rotating 40x40x56mm Fan(s)
Form Factor	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) AMD EPYC™ 9005/9004 series processors Up to 384C/768T	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 384C/768T
Serverboard	SUPER●® H14DSG-OD	SUPER●® H14DSG-OD
Chipset	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)
Expansion Slots	Default 8 PCIe 5.0 x16 LP slots 2 PCIe 5.0 x16 FHHL slots	Default 8 PCIe 5.0 x16 LP slots 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) New!	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) New!
Drive Bays/ Storage	Default: Total 10 bays 2 front hot-swap 2.5" SATA drive bays 8 front hot-swap 2.5" NVMe drive bays M2: 2 M.2 NVMe slots (M-key)	Default: Total 8 bays 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays 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)

10U GPU

4U Liquid-Cooled

MODEL	AS -A126GS-TNBR	AS -4126GS-NBR-LCC
Processor Support	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 384C/768T	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 192C/384T; Up to 384MB Cache per CPU
Serverboard	SUPER●® H14DSG-OD	SUPER●® H14DSG-OD
Chipset	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots/1 Channels Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)
Expansion Slots	Default 8 PCIe 5.0 x16 LP slots 2 PCIe 5.0 x16 FHHL slots	Default 8 PCIe 5.0 x16 LP slots 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) New!	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) New!
Drive Bays/ Storage	Default: Total 10 bays 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays 2 front hot-swap 2.5" SATA drive bays Option A: Total 8 bays 8 front hot-swap E1.S NVMe* drive bays *Optional M2: 2 M.2 NVMe slots (M-key)	Default: Total 8 bays 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays 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) AMD EPYC™ 9005/9004 series processors Up to 192C/384T	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 192C/384T
Serverboard	SUPER●® H14DSG-O-CPU	SUPER●® H14DSG-O-CPU
Chipset	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)
Expansion Slots	Default 9 PCIe 5.0 x16 FHFL slots	Default 11 PCIe 5.0 x16 FHFL slots Option A 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®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
Drive Bays/ Storage	Default: Total 6 bays 2 front hot-swap 2.5" SATA drive bays 4 front hot-swap 2.5" NVMe drive bays M2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)	Default: Total 10 bays 2 front hot-swap 2.5" SATA drive bays 8 front hot-swap 2.5" NVMe drive bays M2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)
Power Supply	6x 2700W Redundant (3 + 3) Titanium Level (96%) power supplies	6x 2700W Redundant (3 + 3) 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

H13 GPU-OPTIMIZED
(For Complete System Only)

8U 8-GPU System   *8U Universal GPU*

MODEL	AS -8125GS-TNMR2	AS -8125GS-TNHR
Processor Support	Dual processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x)	Dual Socket SP5 AMD EPYC™ 9004 series processors Up to 128C/256T
Serverboard	SUPER●® H13DSG-OM	SUPER●® H13DSG-O-CPU-D
Chipset	AMD SP5	AMD SP5
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 6TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM
Expansion Slots	Default 8 PCIe 5.0 x16 LP slots 2 PCIe 5.0 x16 FHFL slots Option A 8 PCIe 5.0 x16 LP slots 4 PCIe 5.0 x16 FHFL slots	Default 8 PCIe 5.0 x16 LP slots 2 PCIe 5.0 x16 FHFL slots Option A 8 PCIe 5.0 x16 LP slots 4 PCIe 5.0 x16 FHFL slots
Connectivity	N/A	N/A
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) New!	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) New!
Drive Bays/ Storage	Default: Total 18 bays 12 front hot-swap 2.5" NVMe drive bays 2 front hot-swap 2.5" SATA drive bays 4 front hot-swap 2.5" NVMe* drive bays *Optional M2: 2 M.2 NVMe slots (M-key)	Default: Total 18 bays 2 front hot-swap 2.5" SATA drive bays 4 front hot-swap 2.5" NVMe* drive bays 12 front hot-swap 2.5" NVMe drive bays *Optional M2: 1 M.2 NVMe slot (M-key)
Power Supply	6x 3000W Redundant (3 + 3) Titanium Level (96%) power supplies	6x 3000W Redundant (3 + 3) Titanium Level (96%) power supplies
Cooling System	N/A	10 heavy duty fans with optimal fan speed control
Form Factor	8U Rackmount	8U Rackmount

H13 GPU-OPTIMIZED
(For Complete System Only)

4U Quad APU System   *2U Quad APU Liquid-Cooled System*

MODEL	AS -4145GH-TNMR	AS -2145GH-TNMR-LCC
Processor Support	Quad Socket SH5 AMD Instinct™ MI300A Accelerated Processing Units (APUs)	Quad Socket SH5 AMD Instinct™ MI300A Accelerated Processing Units (APUs)
Serverboard	SUPER●® H13QSH	SUPER●® H13QSH
Chipset	AMD SH5	AMD SH5
System Memory (Max.)	Slot Count: Onboard Memory Max Memory: Up to 512GB non-ECC HBM3	Slot Count: Onboard Memory Max Memory: Up to 512GB ECC HBM3
Expansion Slots	Default 4 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x8 FHHL slots Option A 4 PCIe 5.0 x16 FHHL slots 6 PCIe 5.0 x8 FHHL slots 2 PCIe 5.0 x8 AIOM slots (OCP 3.0 compatible) Option B 6 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) Option C 14 PCIe 5.0 x8 FHHL slots 2 PCIe 5.0 x8 AIOM slots (OCP 3.0 compatible) Option D 4 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x8 FHHL slots 2 PCIe 5.0 x8 AIOM slots (OCP 3.0 compatible)	Default 4 PCIe 5.0 x16 FHFL slots Option A 4 PCIe 5.0 x16 FHFL slots 2 PCIe 5.0 x16 FHHL slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
Connectivity	Via AIOM	Via AIOM
VGA/Audio	1 DisplayPort port	1 VGA port 1 DisplayPort port
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
Drive Bays/ Storage	Default: Total 8 bays 8 front fixed 2.5" NVMe drive bays Option A: Total 16 bays 16 front fixed 2.5" NVMe drive bays Option B: Total 24 bays 24 front fixed 2.5" SAS*/SATA* drive bays *Optional M2: 2 M.2 NVMe slots (M-key 2280/22110)	Default: Total 8 bays 8 front fixed 2.5" NVMe drive bays Option A: Total 8 bays 8 front fixed 2.5" SAS*/SATA* drive bays *Optional M2: 2 M.2 NVMe slots (M-key 2280/22110)
Power Supply	4x 2700W Redundant (3 + 1) Titanium Level (96%) power supplies	4x 2700W Redundant (3 + 1) Titanium Level (96%) power supplies
Cooling System	10 Heavy duty counter-rotating 8cm Fan(s)	3 Heavy duty counter-rotating 8cm Fan(s)
Form Factor	4U Rackmount	2U Rackmount

H13 GPU-Optimized

(For Complete System Only)

4U 8-GPU with PCIe   *4U 10-GPU with PCIe*   *4U 10-GPU with PCIe*

MODEL	AS -4125GS-TNRT	AS -4125GS-TNRT1	AS -4125GS-TNRT2
Processor Support	Dual processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T; Up to 512MB Cache per CPU	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T	Dual processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T; Up to 512MB Cache per CPU
Serverboard	SUPER●® H13DSG-O-CPU	SUPER●® H13DSG-O-CPU	SUPER●® H13DSG-O-CPU
Chipset	AMD SP5	AMD SP5	AMD SP5
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 6TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 6TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)
Expansion Slots	Default 11 PCIe 5.0 x16 FHFL slots	Default 11 PCIe 5.0 x16 (in x16) FHFL slots	Default 11 PCIe 5.0 x16 FHFL slots
Connectivity	2 RJ45 10GbE	2 RJ45 10GbE	2 RJ45 10GbE
VGA/Audio	1 VGA port	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) New!	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) New!	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) New!
Drive Bays/ Storage	Default: Total 10 bays 2 front hot-swap 2.5" SATA drive bays 8 front hot-swap 2.5" NVMe drive bays M2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)	Default: Total 10 bays 8 front hot-swap 2.5" NVMe drive bays 2 front hot-swap 2.5" SATA drive bays M2: 0 M.2 slots (M-key)	Default: Total 10 bays 8 front hot-swap 2.5" NVMe drive bays 2 front hot-swap 2.5" SATA drive bays M2: 1 M.2 PCIe 3.0 x4 NVMe slot (M-key)
Power Supply	4x 2000W Redundant (2 + 2) Titanium Level (96%) power supplies	4x 2000W Redundant (2 + 2) Titanium Level (96%) power supplies	4x 2000W Redundant (2 + 2) Titanium Level (96%) power supplies
Cooling System	8 heavy duty fans with optimal fan speed control	8 heavy duty fans with optimal fan speed control	8 heavy duty fans with optimal fan speed control
Form Factor	4U Rackmount	4U Rackmount	4U Rackmount

H14 GrandTwin™
(For Complete System Only)

H13 GrandTwin™
(For Complete System Only)

2U 4-Node Front I/O *2U 4-Node Rear I/O* *2U 4-Node Front I/O*

MODEL	AS -2116GT-HNTF	AS -2115GT-HNTR	AS -2115GT-HNTF
Processor Support	Single processor(s) AMD EPYC™ 9005/9004 series processors Up to 160C/320T; Up to 384MB Cache	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 84C/168T	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
Serverboard	SUPER● H14SST-G	SUPER● H13SST-G	SUPER● H13SST-G
Chipset	System on Chip	AMD SP5	AMD SP5
System Memory (Max.)	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 2TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (2DPC): Up to 4TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 2TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (2DPC): Up to 4TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)
Expansion Slots	Option A 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)	Default 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)	Option A 1 PCIe 5.0 x16 LP slot Option B 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
Connectivity	Via IO Module	Via IO Module	Via IO Module
VGA/Audio	1 VGA port	1 VGA port	1 VGA port
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!	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) New!	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) New!
Drive Bays/ Storage	Default: Total 4 bays 4 front hot-swap 2.5" NVMe/SATA drive bays M2: 2 M.2 NVMe/SATA slots (M-key)	Default: Total 6 bays 6 front hot-swap 2.5" NVMe/SATA drive bays M2: 2 M.2 NVMe/SATA slots (M-key)	Default: Total 4 bays 4 front hot-swap 2.5" NVMe/SATA drive bays M2: 2 M.2 NVMe/SATA slots (M-key)
Power Supply	2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	2x 17.6K RPM Heavy Duty 8cm Fan(s)	2x 17.6K RPM Heavy Duty 8cm Fan(s)	2x 17.6K RPM Heavy Duty 8cm Fan(s)
Form Factor	2U Rackmount	2U Rackmount	2U Rackmount

H13 MicroCloud
(For Complete System Only)

3U 10-Node   3U 8-Node   3U 5-Node

MODEL	AS -3015MR-H10TNR	AS -3015MR-H8TNR	AS -3015MR-H5TNR
Processor Support	Single Socket AM5 (LGA-1718) AMD EPYC™ 4004 series processor Up to 16C/32T; Up to 128MB Cache	Single Socket AM5 (LGA-1718) AMD EPYC™ 4004 series processor Up to 16C/32T; Up to 128MB Cache	Single Socket AM5 (LGA-1718) AMD EPYC™ 4005/4004 series processor Up to 16C/32T; Up to 128MB Cache
Serverboard	SUPER● ® H13SRE-F	SUPER● ® H13SRD-F	SUPER● ® H13SRE-F
Chipset	System on Chip	AMD Knoll - Integrated I/O Controller Hub	System on Chip
System Memory (Max.)	Slot Count: 4 DIMM slots Max Memory (1DPC): Up to 192GB 5600MT/s ECC/non-ECC DDR5 UDIMM Max Memory (2DPC): Up to 192GB 3600MT/s ECC/non-ECC DDR5 UDIMM	Slot Count: 4 DIMM slots Max Memory (1DPC): Up to 192GB 5600MT/s ECC/non-ECC DDR5 UDIMM Max Memory (2DPC): Up to 192GB 3600MT/s ECC/non-ECC DDR5 UDIMM	Slot Count: 4 DIMM slots Max Memory (1DPC): Up to 192GB 5600MT/s ECC/non-ECC DDR5 UDIMM Max Memory (2DPC): Up to 192GB 3600MT/s ECC/non-ECC DDR5 UDIMM
Expansion Slots	Default 1 PCIe 5.0 x16 LP slot 1 PCIe 5.0 x4 MicroLP slot	Default 1 PCIe 5.0 x8 (in x16) LP slot 1 PCIe 5.0 x8 MicroLP slot	Default 1 PCIe 5.0 x16 slot or 2 PCIe 5.0 x8 slots 1 PCIe 5.0 x4 MicroLP slot
Connectivity	No NIC option supported	No NIC option supported	No NIC option supported
VGA/Audio	1 port	1 port	1 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) New!	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) New!	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) New!
Drive Bays	Default: Total 4 bays 2 internal fixed 2.5" PCIe 5.0 NVMe drive bays 2 internal fixed 2.5" SATA drive bays M2: 1 M.2 NVMe slot (M-key 2280/22110)	Default: Total 2 bays 2 front fixed 3.5"/2.5" NVMe/SAS*/SATA* drive bays *Optional M2: 1 M.2 NVMe/SATA slot (M-key 2280/22110)	Default: Total 4 bays 2 internal fixed 2.5" PCIe 5.0 NVMe drive bays 2 internal fixed 2.5" SATA drive bays M2: 1 M.2 NVMe slot (M-key 2280/22110)
Power Supply	4x 2000W Redundant (3 + 1) Titanium Level (96%) power supplies	2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies	4x 2000W Redundant (3 + 1) Titanium Level (96%) power supplies
Cooling System	5 Heavy Duty 8cm Fan(s)	4 Heavy Duty 8cm Fan(s)	5 Heavy Duty 8cm Fan(s)
Form Factor	3U Rackmount	3U Rackmount	3U Rackmount

H13 Mainstream
(For Complete System Only)

1U Mainstream	2U Mainstream	Tower Workstation

MODEL	AS -1015A-MT	AS -2015A-TR	AS -3015A-I
Processor Support	Single processor(s) AMD EPYC™ 4004 / 4005 or AMD Ryzen™ 7000 / 9000 series processors Up to 16C/32T	Single processor(s) AMD EPYC™ 4004 / 4005 or AMD Ryzen™ 7000 / 9000 series processors Up to 16C/32T	Single processor(s) AMD EPYC™ 4004 / 4005 or AMD Ryzen™ 7000 / 9000 series processors Up to 16C/32T
Serverboard	SUPER● H13SAE-MF	SUPER● H13SAE-MF	SUPER● H13SAE-MF
Chipset	AMD B650	AMD B650	AMD B650
System Memory (Max.)	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5200MT/s ECC/non-ECC DDR5 UDIMM	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5200MT/s ECC/non-ECC DDR5 UDIMM	Slot Count: 4 DIMM slots Max Memory (2DPC): Up to 192GB 5200MT/s ECC/non-ECC DDR5 UDIMM
Expansion Slots	Default 1 PCIe 5.0 x16 FHHL slot	Default 1 PCIe 4.0 x4 LP slot 2 PCIe 5.0 x16 LP slots	Default 1 PCIe 5.0 x16 FHFL slot Option A 2 PCIe 5.0 x8 FHFL slots
Connectivity	1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel® I210-AT	1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel® I210-AT	1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 2 RJ45 1GbE with Intel® I210-AT
VGA/Audio	Rear Audio	Rear Audio	Rear Audio
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) New!	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) New!	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) New!
Drive Bays	Default: Total 1 bay 1 internal fixed 3.5" SATA drive bay Option A: Total 4 bays 4 internal fixed 2.5" SATA* drive bays *Optional M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)	Default: Total 8 bays 8 front hot-swap 3.5" SAS/SATA drive bays M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)	Default: Total 4 bays 4 front fixed 3.5" SATA drive bays Option A: Total 4 bays 4 front fixed 2.5" SATA drive bays M2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)
Power Supply	1x 500W Platinum Level (93%) power supply	2x 800W Redundant (1 + 1) Titanium Level (96%) power supplies	1x 668W Platinum Level (92%) power supply
Cooling System	6x 40mm Fan(s)	3x 80mm Fan(s)	1x 80mm Fan(s) 1x 90mm Fan(s)
Form Factor	1U	2U	Mini-Tower

H14 HYPER

(For Complete System Only)

1U Hyper

2U Hyper

MODEL	AS -1126HS-TN	AS -2126HS-TN
Processor Support	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 384C/768T	Dual processor(s) AMD EPYC™ 9005/9004 series processors Up to 384C/768T
Serverboard	SUPER●® H14DSH	SUPER●® H14DSH
Chipset	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)
Expansion Slots	Default 1 PCIe 5.0 x16 FHHL slot 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)	Up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 FHFL or Mix and match 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®; 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®; 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	8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 12 drives) 2: 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) 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.

H13 HYPER

(For Complete System Only)

1U Hyper	2U Hyper	2U Hyper

MODEL	AS -1125HS-TNR	AS -2025HS-TNR	AS -2125HS-TNR
Processor Support	Dual processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 320C/640T	Dual processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 320C/640T	Dual processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 320C/640T
Serverboard	SUPER● H13DSH	SUPER● H13DSH	SUPER● H13DSH
Chipset	System on Chip	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 6TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 6TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 6TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)
Expansion Slots	Default 1 PCIe 5.0 x16 FHHL slot 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)	Up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 FHFL or Mix and match 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)	Up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 FHFL or Mix and match 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
Connectivity	Via AIOM	Via AIOM	Via AIOM
VGA/Audio	1 VGA port	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); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 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	8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 12 drives) M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)	Default: Total 12 bays 12 front hot-swap 3.5"/2.5" NVMe*/SAS*/SATA* drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)	Default: Total 24 bays 24 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)
Power Supply	2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 1600W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 1600W Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	8 counter-rotating 40x40x56mm Fan(s)	4x 8cm heavy duty fans with optimal fan speed control	4x 8cm heavy duty fans with optimal fan speed control
Form Factor	1U	2U	2U

AMD EPYC™ 9005 series drop-in support requires board revision 2.x
*Drive support depends on selected configuration. Please see the parts list on product website for more details.

H13 HYPER-U
(For Complete System Only)

1U Hyper   2U Hyper   2U Hyper

MODEL	AS -1115HS-TNR	AS -2015HS-TNR	AS -2115HS-TNR
Processor Support	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
Serverboard	SUPER●® H13SSH	SUPER●® H13SSH	SUPER●® H13SSH
Chipset	System on Chip	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 3TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (2DPC): Up to 6TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 3TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (2DPC): Up to 6TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 3TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (2DPC): Up to 6TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)
Expansion Slots	Default 1 PCIe 5.0 x16 FHHL slot 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)	Up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 FHFL or Mix and match 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)	Up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 FHFL or Mix and match 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
Connectivity	Via AIOM	Via AIOM	Via AIOM
VGA/Audio	1 VGA port	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); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 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	8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 12 drives) M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)	Default: Total 12 bays 12 front hot-swap 3.5"/2.5" NVMe*/SAS*/SATA* drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)	Default: Total 24 bays 24 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)
Power Supply	2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 1600W Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	8 counter-rotating 40x40x56mm Fan(s)	4x 8cm heavy duty fans with optimal fan speed control	4x 8cm heavy duty fans with optimal fan speed control
Form Factor	1U	2U	2U

AMD EPYC™ 9005 series drop-in support requires board revision 2.x
*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

MODEL	AS -1116CS-TN
Processor Support	Single processor(s) AMD EPYC™ 9005/9004 series processors Up to 192C/384T
Serverboard	SUPER●® H14SHM
Chipset	System on Chip
System Memory (Max.)	Slot Count: 12 DIMM slots/12 Channels Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor)
Expansion Slots	Default 2 PCIe 5.0 x16 FHHL slots 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
Connectivity	Via AIOM
VGA/Audio	1 VGA port(Rear)
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
Drive Bays/ Storage	8x 2.5" hot-swap NVMe*/SAS*/SATA* drives bays (Option for up to 12 drives) M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)(on board)
Power Supply	2x 1000W/1200/16000/20000 Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	8 Counter-Rotating PWM 40x40x56mm Fan(s)
Form Factor	1U Rackmount

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

H13 CLOUDDC

(For Complete System Only)

1U CloudDC   *1U CloudDC*   *2U CloudDC*

MODEL	AS -1015CS-TNR	AS -1115CS-TNR	AS -2015CS-TNR
Processor Support	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
Serverboard	SUPER● H13SSW	SUPER● H13SSW	SUPER● H13SSW
Chipset	System on Chip	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor, MB R2.01)
Expansion Slots	Default 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)	Default 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)	Default 2 PCIe 5.0 x16 FHFL slots 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)
Connectivity	Via AIOM	Via AIOM	Via AIOM
VGA/Audio	1 VGA port	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); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 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	Default: Total 4 bays 4 front hot-swap 3.5"/2.5" SATA drive bays Option A: Total 4 bays 4 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays Option B: Total 4 bays 4 front hot-swap 3.5"/2.5" SAS* drive bays *Optional M2: 2 M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110)	Default: Total 10 bays 10 front hot-swap 2.5" SATA drive bays Option A: Total 10 bays 10 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays Option B: Total 10 bays 10 front hot-swap 2.5" SAS* drive bays *Optional M2: 2 M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110)	Default: Total 12 bays 12 front hot-swap 3.5"/2.5" SATA drive bays Option A: Total 4 bays 4 front hot-swap 2.5" PCIe 5.0 NVMe* drive bays Option B: Total 12 bays 12 front hot-swap 3.5"/2.5" SAS* drive bays *Optional M2: 2 M.2 PCIe 3.0 x2 NVMe slots (M-key 2280/22110)
Power Supply	2x 860W Redundant (1 + 1) Platinum Level (94%) power supplies	2x 860W Redundant (1 + 1) Platinum Level (94%) power supplies	2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	6x 4cm heavy duty fans with optimal fan speed control	6x 4cm heavy duty fans with optimal fan speed control	3x 8cm heavy duty fans with optimal fan speed control
Form Factor	1U Rackmount	1U Rackmount	2U Rackmount

AMD EPYC™ 9005 series drop-in support requires board revision 2.x
*Drive support depends on selected configuration. Please see the parts list on product website for more details.

H13 Storage Servers

(For Complete System Only)

1U Petascale All-Flash   *2U Petascale All-Flash*   *Simply Double*

MODEL	ASG-1115S-NE316R	ASG-2115S-NE332R	ASG-2015S-E1CR24H
Processor Support	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC 9005 Series drop-in support requires board revision 2.x) Up to 96C/192T	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC 9005 Series drop-in support requires board revision 2.x)	Single processor(s) AMD EPYC™ 9004/9005 series processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 84C/168T; Up to 384MB Cache
Serverboard	SUPER●® H13SSF	SUPER●® H13SSF	SUPER●® H13SSW
Chipset	AMD System on Chip	AMD System on Chip	System on Chip
System Memory (Max.)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to3TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (2DPC): Up to 6TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 3TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor) Max Memory (2DPC): Up to 6TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 series processor) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 series processor)
Expansion Slots	Default 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)	Default 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)	Default 4 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x8 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) Option A 3 PCIe 5.0 x16 FHHL slots 1 PCIe 5.0 x8 FHHL slot 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) (2 rear NVMe drive bay support) Option B 2 PCIe 5.0 x16 FHHL slots 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) (4 rear NVMe drive bay support)
Connectivity	Via AIOM	Via AIOM	Via AIOM
VGA/Audio	1 VGA port	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) New!	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) New!	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) New!
Drive Bays	Default: Total 16 bays 16 front hot-swap E3.S 1T PCIe 5.0 x4 NVMe drive bays M2: 1 M.2 PCIe 3.0 x2 NVMe slot (M-key 2280/22110)	Default: Total 34 bays 2 rear hot-swap 2.5" SATA drive bays 32 front hot-swap E3.S 1T PCIe 5.0 x2 NVMe drive bays M2: 1 M.2 PCIe 3.0 x2 NVMe slot (M-key 2280/22110)	Default: Total 26 bays 12 front hot-swap 3.5" SAS/SATA drive bays 12 top-loading hot-swap 3.5" SAS/SATA drive bays 2 rear hot-swap 2.5" SATA drive bays Option A: Total 28 bays 12 front hot-swap 3.5" SAS/SATA drive bays 12 top-loading fixed 3.5" SAS/SATA drive bays 2 rear hot-swap 2.5" SATA drive bays 2 rear hot-swap 2.5" NVMe drive bays Option B: Total 30 bays 12 front hot-swap 3.5" SAS/SATA drive bays 12 top-loading hot-swap 3.5" SAS/SATA drive bays 4 rear hot-swap 2.5" NVMe drive bays 2 rear hot-swap 2.5" SATA drive bays M2: 2 M.2 NVMe slots (M-key 2280/22110)
Power Supply	1x 1600W Redundant Titanium Level (96%) power supply	1x 2000W Redundant Titanium Level (96%) power supply	1x 1600W Redundant Titanium Level (96%) power supply
Cooling System	8 Heavy Duty 4cm Fan(s)	4 Heavy Duty 8cm Fan(s)	4 Heavy Duty 8cm Fan(s)
Form Factor	1U Rackmount	2U Rackmount	2U Rackmount

H13 SHORT-DEPTH FRONT I/O
(For Complete System Only)

Short-Depth AC

Short-Depth DC

MODEL	AS -1115S-FWTRT	AS -1115S-FDWTRT
Processor Support	Single processor(s) AMD EPYC™ 8004 series processor Up to 64C/128T	Single processor(s) AMD EPYC™ 8004 series processor Up to 64C/128T
Serverboard	SUPER●® H13SVW-NT	SUPER●® H13SVW-NT
Chipset	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 6 DIMM slots Max Memory (2DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM	Slot Count: 6 DIMM slots Max Memory (2DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM
Expansion Slots	Default 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 LP slot	Default 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 LP slot
Connectivity	2 RJ45 10GBASE-T with Broadcom® BCM57416	2 RJ45 10GBASE-T with Broadcom® BCM57416
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) New!	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) New!
Drive Bays	Default: Total 2 bays 2 internal fixed 2.5" NVMe/SAS/SATA drive bays M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)	Default: Total 2 bays 2 internal fixed 2.5" NVMe/SAS/SATA drive bays M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)
Power Supply	2x 800W Redundant Platinum Level (94%) power supplies	2x 600W Redundant Typical 90%+ Level (96%) power supplies
Cooling System	6 Heavy duty counter-rotating 4cm Fan(s)	6 Heavy duty counter-rotating 4cm Fan(s)
Form Factor	1U Rackmount	1U Rackmount

H13 WIO

WIO -1U *WIO -1U* *WIO -2U*

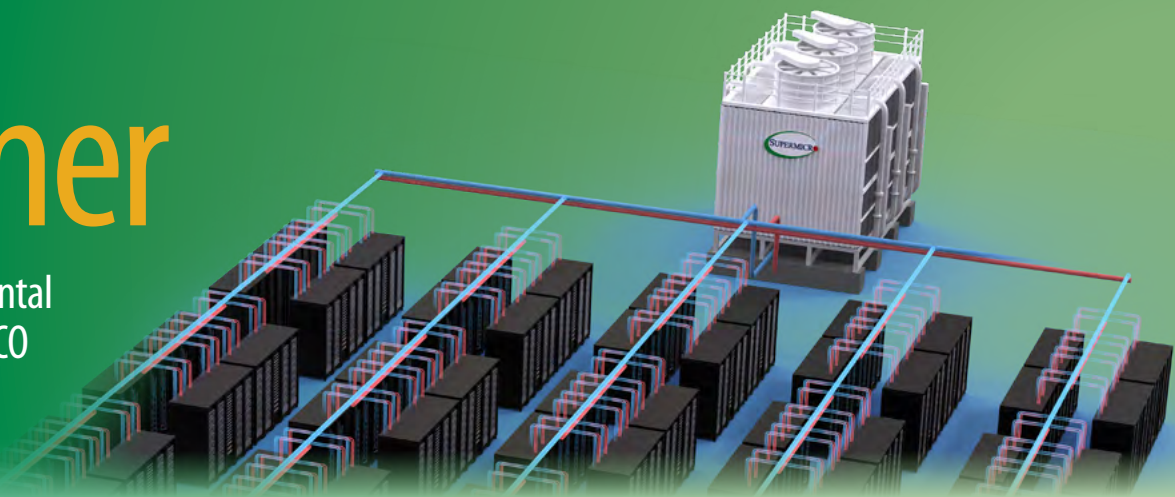| MODEL	AS -1015SV-WTNRT	AS -1115SV-WTNRT	AS -2015SV-WTNRT
Processor Support	Single processor(s) AMD EPYC™ 8004 series processor Up to 64C/128T	Single processor(s) AMD EPYC™ 8004 series processor Up to 64C/128T	Single processor(s) AMD EPYC™ 8004 series processor Up to 64C/128T
Serverboard	SUPER● ® H13SVW-NT	SUPER● ® H13SVW-NT	SUPER● ® H13SVW-NT
Chipset	System on Chip	System on Chip	System on Chip
System Memory (Max.)	Slot Count: 6 DIMM slots Max Memory (1DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM	Slot Count: 6 DIMM slots Max Memory (1DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM	Slot Count: 6 DIMM slots Max Memory (1DPC): Up to 768GB 4800MT/s ECC DDR5 RDIMM
Expansion Slots	Default 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 LP slot	Default 2 PCIe 5.0 x16 FHFL slots 1 PCIe 5.0 x16 LP slot	Default 2 PCIe 5.0 x16 FHFL slots 2 PCIe 5.0 x8 LP slots
Connectivity	2 RJ45 10GBASE-T with Broadcom® BCM57416	2 RJ45 10GBASE-T with Broadcom® BCM57416	2 RJ45 10GBASE-T with Broadcom® BCM57416
VGA/Audio	1 VGA port	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); OOB Management Package (SFT-OOB-LIC); SuperServer Automation Assistant (SAA) New!	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) New!	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) New!
Drive Bays/ Storage	Default: Total 4 bays 4 front hot-swap 3.5" NVMe*/SAS*/SATA drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)	Default: Total 10 bays 10 front hot-swap 2.5" NVMe*/SAS*/SATA drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)	Default: Total 12 bays 12 front hot-swap 3.5" SATA drive bays Option A: Total 12 bays 6 front hot-swap 3.5"/2.5" PCIe 5.0 NVMe*/SATA drive bays 6 front hot-swap 3.5"/2.5" SATA drive bays Option B: Total 12 bays 12 front hot-swap 2.5" SAS* drive bays *Optional M2: 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)
Power Supply	2x 860W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 860W Redundant (1 + 1) Titanium Level (96%) power supplies	2x 800W Redundant (1 + 1) Titanium Level (96%) power supplies
Cooling System	6 Heavy duty counter-rotating 40x40x56mm Fan(s)	6 Heavy duty counter-rotating 40x40x56mm Fan(s)	3 Heavy duty PWM 80x80x38mm Fan(s)
Form Factor	1U	1U	2U Rackmount

Better

**Better Performance
Per Watt and Per Dollar**

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