SUPERMICRO GOLD SERIES

Supermicro: G2 Gold Series

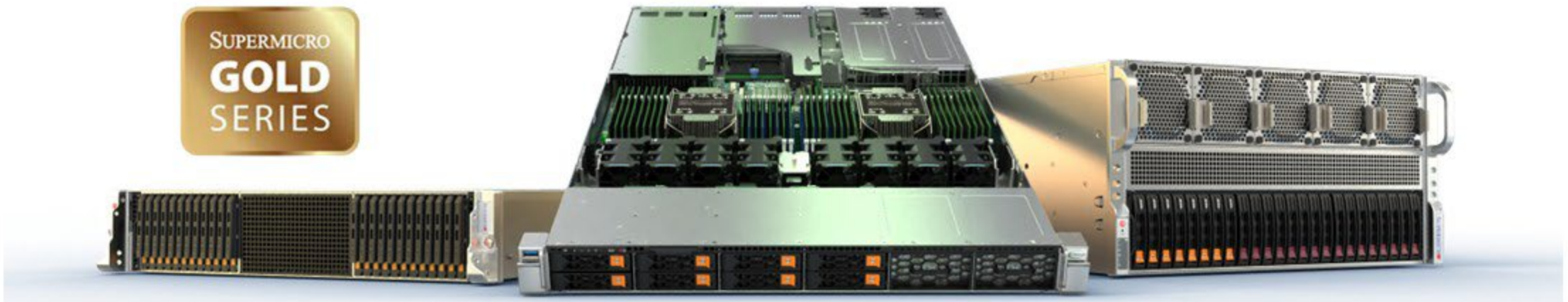
Super Micro Computer, Inc. may make changes to specifications and product descriptions at any time, without notice. The information presented in this document is for informational purposes only and may contain technical inaccuracies, omissions and typographical errors. Any performance tests and ratings are measured using systems that reflect the approximate performance of Super Micro Computer, Inc. products as measured by those tests. Any differences in software or hardware configuration may affect actual performance, and Super Micro Computer, Inc. does not control the design or implementation of third party benchmarks or websites referenced in this document. The information contained herein is subject to change and may be rendered inaccurate for many reasons, including but not limited to any changes in product and/or roadmap, component and hardware revision changes, new model and/or product releases, software changes, firmware changes, or the like. Super Micro Computer, Inc. assumes no obligation to update or otherwise correct or revise this information.

SUPER MICRO COMPUTER, INC. MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE CONTENTS HEREOF AND ASSUMES NO RESPONSIBILITY FOR ANY INACCURACIES, ERRORS OR OMISSIONS THAT MAY APPEAR IN THIS INFORMATION.

SUPER MICRO COMPUTER, INC. SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT WILL SUPER MICRO COMPUTER, INC. BE LIABLE TO ANY PERSON FOR ANY DIRECT, INDIRECT, SPECIAL OR OTHER CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF ANY INFORMATION CONTAINED HEREIN, EVEN IF SUPER MICRO COMPUTER, Inc. IS EXPRESSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

ATTRIBUTION

Supermicro Ready-to-Deploy Gold Series



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

Purchase with Confidence

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

Short Lead Times

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

Effortless Deployment

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

Gold Series Products

Enterprise Compute

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

SYS-212H-TN-01-G2

AS -2115HS-TNR-01-G2

AS -1115CS-TNR-01-G2

AS -2115GT-HNTR-01-G2

SBI-612B-1NE34-01-G2

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

Enterprise Storage

AS -2015CS-TNR-01-G2

ASG-2015S-E1CR24L-01-G2

SSG-542B-E1CR60-01-G2

SSG-542B-DE1CR90-01-G2

Storage solutions for a range of performance and density requirements

Enterprise AI

SYS-822GS-NB3RT-01-G2

AS -8126GS-NB3RT-01-G2

SYS-212GB-FNR-01-G2

SYS-422GA-NRT-01-G2

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

Intelligent Edge

SYS-111AD-HN2-01-G2

ARS-E103-JONX-H2-01-G2

AS -E300-14GR-01-G2

SYS-E300-14AR-01-G2

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

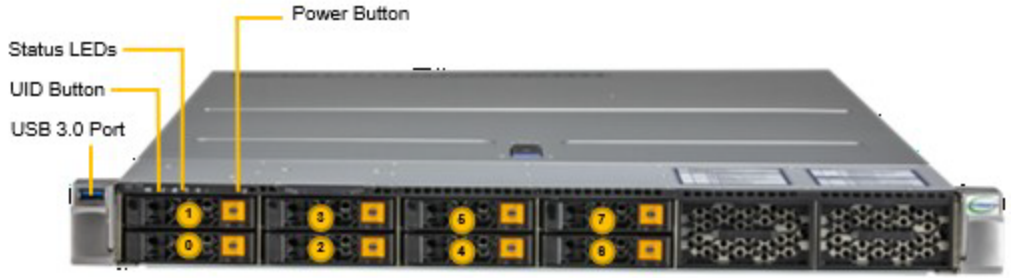
Enterprise Compute 1U Hyper

In-Memory Database for AI Inferencing

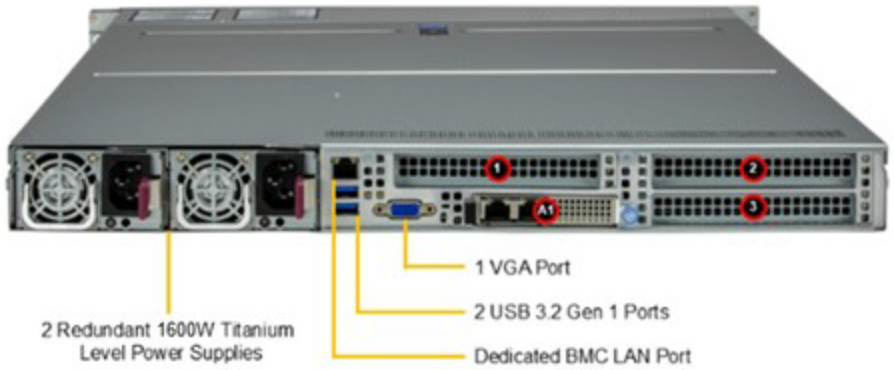
Key Features:

- **High-Memory, Low-Latency Architecture**: 1TB of @6400MT/s memory delivers exceptional in-memory performance for AI inference and real-time analytics
- **Optimized for AI Inferencing**: 64-core Intel 6761P CPU provides strong per-core performance and throughput efficiency
- **Ultra-Fast NVMe Storage**: Dual 3.8TB U.2 drives enable rapid dataset access and high IOPS workloads
- **Next-Gen Networking**: Standard dual-port 25GbE accelerates distributed inference and high-speed data pipelines
- **Compact, Power-Efficient Footprint**: High performance in a dense 1U form factor reduces datacenter cost and power per node

Specifications	SYS-112H-TN-01-G2
CPU	64 cores / 2.5GHz (Intel® Xeon® 6761P processor)
Memory	1TB (8* 128GB DDR5-6400)
Storage	7.6TB (2* 3.8TB U.2 NVMe) flash storage
Networking	2-port 25GbE
Power Supply	Redundant 1600W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Slot	Description
0 – 1	3.8TB U.2 NVMe GEN4 SSD, 1 DWPD
2 – 7	2.5" Hot-swap NVMe Drive Bays



	Slot Description
A1	2-port 25GbE (Intel E810)
1	PCIe 5.0 x16 Slot (FH, 10.5"L)
2	PCIe 5.0 x16 Slot (FH, 10.5"L)
3	PCIe 5.0 x16 Slot (FH, 10.5"L)

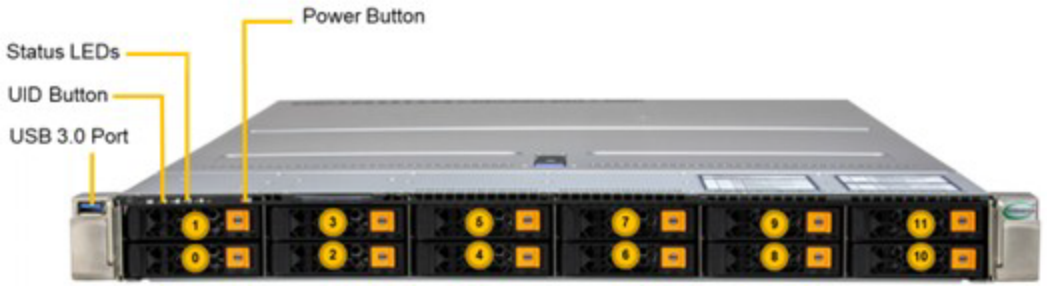
Enterprise Compute 1U Hyper

Compute/Virtualization Hardware for IaaS

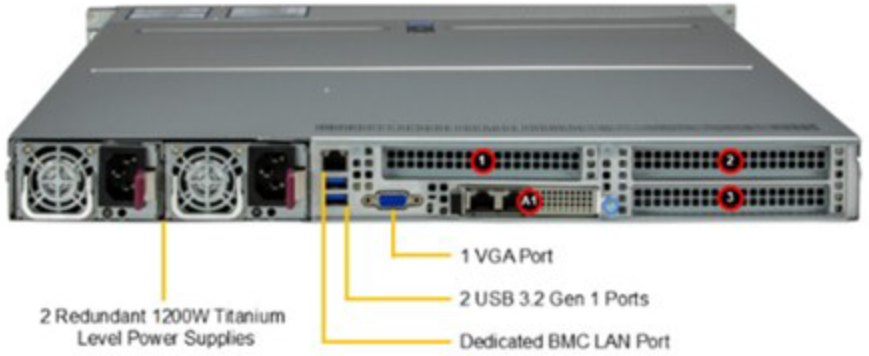
Key Features:

- **High memory capacity enables strong workload consolidation** while providing ample headroom for future growth
- **Consistent, standardized platform** simplifies lifecycle management and streamlines enterprise operations
- **Flexible expansion options** deliver long-term scalability for evolving virtualization and cloud environments
- **Proven, enterprise-ready** architecture reduces deployment risk and supports repeatable, reliable rollouts
- **Redundant Titanium-level power design** ensures continuous uptime and maximizes infrastructure reliability

Specifications	SYS-112H-TN-02-G2
CPU	32 cores / 2.5GHz (Intel® Xeon® 6731P processor)
Memory	1TB (16 * 64GB DDR5-5200)
Storage	1.9TB (2 * 960GB M.2 NVMe) flash storage
Networking	4-port 25GbE
Power Supply	Redundant 1200W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Slot	Description
0 – 11	2.5" Hot-swap NVMe Drive Bays (Intel VROC RAID 0/1/5/10 supported)
Internal	2x 960GB M.2 GEN4 NVMe SSD, 1 DWPD (Intel VROC RAID supported)



	Slot Description
A1	PCIe 5.0 x16 AIOM (OCP 3.0)
1	PCIe 5.0 x16 Slot (FH, 10.5"L)
2	4-port 25GbE (Intel E810)
3	PCIe 5.0 x16 Slot (FH, 10.5"L)

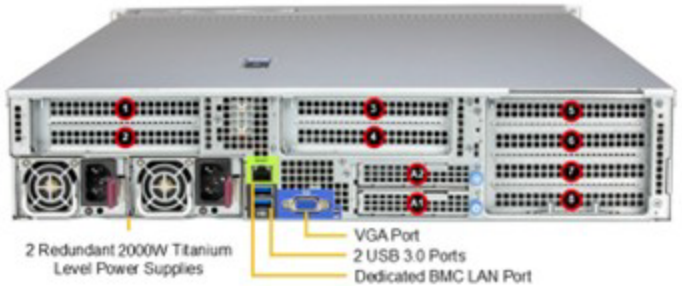
Enterprise Compute 2U Hyper

In-Memory Database for AI Inferencing

Key Features:

- **Massive Memory Bandwidth + Capacity** (1TB @ 6400MT/s) optimized for in-memory workloads and inference acceleration
- **High-Core Performance** with Intel 6761P delivering strong real-time compute throughput and low latency
- **Balanced Storage & Networking** via dual 3.8TB U.2 NVMe and 25GbE for fast data ingest and high concurrency
- **Enterprise Reliability** with redundant 2000W Titanium PSUs for mission-critical uptime
- **Optimized 2U Platform** offering improved thermals and expandability versus 1U systems
- **Ideal for AI-Infused Enterprise Applications** that merge analytics, inference, and operational workloads

Slot	Description
0 – 1	3.8TB U.2 NVMe GEN4 SSD, 1 DWPD
2 – 7	2.5" Hot-swap NVMe Drive Bays



	Slot Description
1	PCIe 5.0 x16 Slot (FH, 10.5"L)
2	Not Available
3	PCIe 5.0 x16 Slot (FH, 10.5"L)
4	Not Available

	Slot Description
5	PCIe 5.0 x16 Slot (FH, 10.5"L)
6	Not Available
7	PCIe 5.0 x16 Slot (FH, 10.5"L)
8	Not Available

	Slot Description
A1	2-port 25GbE (Intel E810)
A2	PCIe 5.0 x16 AIOM (OCP 3.0)

Specifications	SYS-212H-TN-01-G2
CPU	64 cores / 2.5GHz (Intel® Xeon® 6761P processor)
Memory	1TB (8* 128GB DDR5-6400)
Storage	7.6TB (2* 3.8TB U.2 NVMe) flash storage
Networking	2-port 25GbE
Power Supply	Redundant 2000W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Enterprise Compute 2U Hyper

In-Memory Database for AI Inferencing

Key Features:

- **Exceptional Memory Capacity & Bandwidth** (1.5TB @ 4000MT/s) ideal for AI inference, in-memory DBs, and real-time compute
- **High-Core-Count CPU Performance** with AMD 9655P delivering strong parallelism for dense inferencing and analytics
- **Ultra-Fast Networking (200GbE/NDR200)** via NVIDIA BF3220 DPU for accelerated I/O, RoCE, security offload, and micro-segmentation
- **Enterprise-Class Reliability** with redundant 1600W Titanium PSUs for mission-critical uptime
- **Optimized Storage Throughput** using dual 7.6TB U.2 NVMe for large, fast datasets
- **Ideal Platform for Secure AI Pipelines** combining compute, memory, and DPU-enabled network acceleration

Specifications	AS -2115HS-TNR-01-G2
CPU	96 cores / 2.6GHz (AMD EPYC™ 9655P processor)
Memory	1.5TB (24 * 64GB DDR5-4000)
Storage	15.2TB (2 * 7.6TB U.2 NVMe) flash storage
Networking	2-port 200GbE/NDR200 (NVIDIA BF3220 DPU)
Power Supply	Redundant 1600W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Slot	Description
0 – 1	7.6TB U.2 NVMe GEN4 SSD, 1 DWPD
2 – 23	2.5" Hot-swap NVMe Drive Bays

	Slot Description
1	Not Available
2	Not Available
3	Not Available
4	Not Available

	Slot Description
5	Not Available
6	Not Available
7	2-port 200GbE/NDR200 (NVIDIA BF3220 DPU)
8	Not Available

	Slot Description
A1	PCIe 5.0 x16 AIOM (OCP 3.0)

*Purchase of an NVIDIA Networking Enterprise Support option is required

Enterprise Compute 1U CloudDC

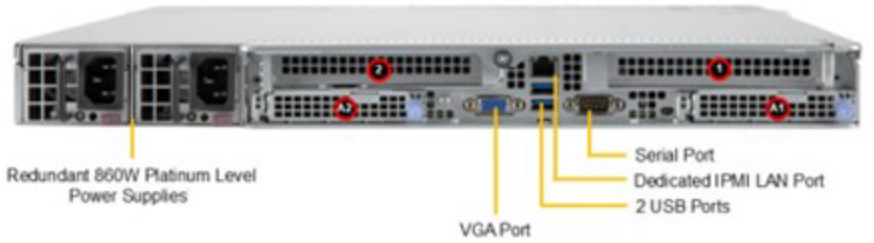
Compute/Metadata Node

Key Features:

- **Optimized for Metadata and Control-Plane Workloads** with high core density and strong single-thread performance
- **High Memory Bandwidth (DDR5-6400)** ideal for namespace operations, indexing, and small-IO workloads
- **Extremely Fast Network Fabric (200GbE/NDR200)** ensures low-latency communication in AI, HPC, and storage clusters
- **High-Performance NVMe Storage (960GB)** for fast metadata access, logs, and small-block operations
- **Perfect Complement Node** for large AI, HPC, and storage infrastructures that require scalable metadata or cluster management roles

Specifications	AS -1115CS-TNR-01-G2
CPU	64 cores / 3.2GHz (AMD EPYC™ 9555P processor)
Memory	384GB (12* 32GB DDR5-6400)
Storage	960GB (1* 960GB U.2 NVMe) flash storage
Networking	4-port 200GbE/NDR200 (2* 2-port)
Power Supply	Redundant 860W Platinum Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	No
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Slot	Description
0	960GB U.2 NVMe GEN4 SSD, 1 DWPD
1 – 9	2.5" Hot-swap NVMe/SATA Drive Bays



	Slot Description
A1	4-port 1GbE (Intel i350)
A2	PCIe 5.0 x16 AIOM (OCP 3.0)
1	2-port 200GbE/NDR200 (NVIDIA CX-7)
2	2-port 200GbE/NDR200 (NVIDIA CX-7)

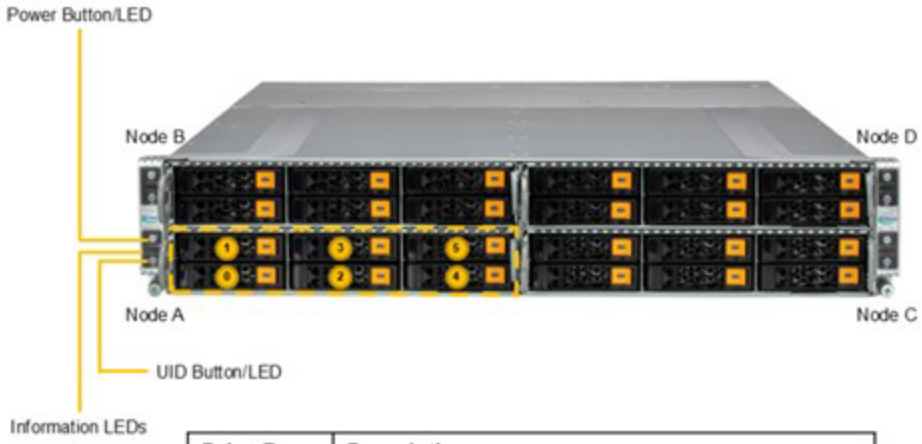
Enterprise Compute 2U 4-Node GrandTwin®

Web Application/Storage Quad Node

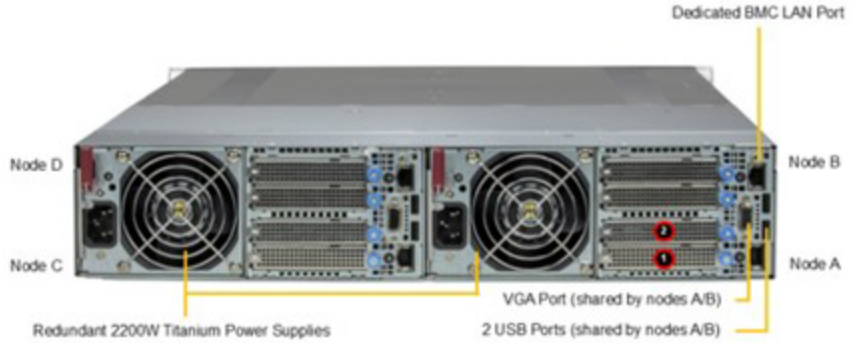
Key Features:

- **High-density 4-node architecture** delivers excellent compute and storage consolidation, reducing datacenter footprint and TCO
- **High core count (64 cores)** per node supports heavy parallel workloads and modern cloud/service architectures
- **Integrated NVMe (U.2) storage** provides extremely fast local IO for databases, logs, and application tiers
- **100GbE connectivity** enables low-latency east-west traffic for distributed applications
- **Ideal for scaling out**, enabling rapid deployment of uniform compute/storage nodes for cloud or service clusters

Specifications	AS -2115GT-HNTR-01-G2
CPU	64 cores / 2.45GHz (AMD EPYC™ 9534 processor) per node
Memory	512GB (8*64GB DDR5-4800) per node
Storage	960GB (1*960GB 2.5" SATA) flash storage per node
Networking	2-port 100GbE per node
Power Supply	Redundant 2200W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Drive Bay (Node A-D)	Description
0	960GB 2.5" SATA SSD, 1 DWPD
1 – 5	2.5" Hot-swap NVMe/SATA Drive Bays



(Node A-D)	Slot Description
1	2-port 100GbE (NVIDIA CX-6)
2	PCIe 4.0 x16 AIOM (OCP 3.0)

Enterprise Compute SuperBlade®

FSI, AI, EDA, 3D Rendering & Simulation

Key Features:

- **High-density 6U 10-node architecture** provides excellent compute and storage consolidation, reducing datacenter footprint and TCO
- **Up to 4TB of high-bandwidth DDR5 memory (6400MT/s) in 16 DIMM slots** supports mission critical, enterprise applications
- **Integrated NVMe storage** provides extremely fast local IO for databases, logs, and application tiers
- **25GbE connectivity** enables low-latency east-west traffic for distributed applications
- **PCIe 5.0 x16 slots** support GPU for AI inference, 3D rendering & simulation, or high-speed, low-latency network card for FSI

Specifications	SBI-612B-1NE34-01-G2
CPU	16 cores / 3.2GHz (Intel® Xeon® 6517P processor)
Memory	128GB (4* 32GB DDR5-6400)
Storage	1.92TB (1* 1.92TB M.2 NVMe)
Networking	Up to 4x 25G Ethernet switches
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Drive Bay	Description
0 – 3	8 Hot-swap E1.S NVMe Drive Bay
4	1.92TB M.2 GEN4 NVMe SSD

	Slot Description
1	PCIe 5.0 x16 slot (FH, 10.5"L)
2	Dual-port 25Gb Mazzaine (CX4)

Enterprise Storage 2U CloudDC

Storage Hardware for IaaS

Key Features:

- **Optimized for IaaS storage**, offering a balance of CPU performance and massive disk capacity
- **Cost-efficient high-density storage** with 8 × 24TB HDDs for large data sets and VM storage pools
- **High memory bandwidth (DDR5 @ 6400MT/s)** improves performance of caching layers, metadata services, and storage controllers
- **25GbE dual-port networking** ensures fast data movement and low-latency access in clustered storage environments
- **NVMe U.2 boot/cache drive option** enhances responsiveness for metadata or journaling workloads

Specifications	AS -2015CS-TNR-01-G2
Raw Storage	192TB (8* 24TB) total storage via AMD EPYC™ integrated SATA
Flash Storage	8TB (2* 3.8TB U.2 NVMe, 2* 240GB 2.5" SATA) flash storage
CPU	48 cores / 3.15GHz (AMD EPYC™ 9455P processor)
Memory	768GB (12* DDR5-4800)
Networking	2-port 25GbE Networking
Power Supply	Redundant 1200W Titanium Level PSU
Management Software Included	Supermicro Out of Band (OOB) Management
Trusted Platform Module Included	No
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Slot	Description
0 – 1	240GB 2.5" SATA SSD, 1 DWPD
2 – 9	24TB 3.5" SATA HDD, 7.2K RPM 512E
10 – 11	3.8TB U.2 NVMe GEN4 SSD, 1 DWPD

	Slot Description
1	Not Available
2	Not Available
3	2-port 25GbE (Broadcom BCM57414)
4	Not Available

	Slot Description
5	Not Available
6	PCIe 5.0 x16 Slot (FHFL)
A1	PCIe 5.0 x16 AIOM (OCP 3.0)
A2	PCIe 5.0 x16 AIOM (OCP 3.0)

Enterprise Compute 2U Simply Double

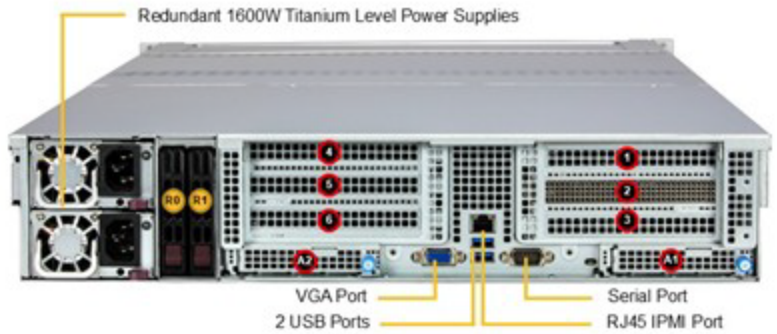
Big Data / Analytics

Key Features:

- **Dense 3.5” HDD storage systems** are a key building block for today’s on-prem storage for data lifecycle management and multi-cloud data protection.
- **Unstructured Data Storage:** Optimal balance of cost-effective CPU and high-capacity storage media offer an excellent platform to scale resources for web and big data analytics

Specifications	ASG-2015S-E1CR24L-01-G2
Raw Storage	528TB (24* 22TB) total storage via Broadcom® 3808 HBA
Flash Storage	960GB (1* 960GB 2.5" SATA) flash storage
CPU	32 cores / 2.7GHz (AMD EPYC™ 9334 processor)
Memory	512GB (8* 64GB DDR5-4800)
Networking	2-port 100GbE
Power Supply	Redundant 2000W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Slot	Description
0 – 23	22TB SAS 12Gb/s HDD, 7.2K RPM 512E
R0	960GB 2.5" SATA SSD, 1 DWPD
R1	2.5" Hot-swap SATA Drive Bays



	Slot Description
1	PCIe 5.0 x16 Slot (FH, 10.5"L)
2	3808 SAS Controller
3	PCIe 5.0 x8 Slot (FH, 10.5"L)
4	PCIe 5.0 x16 Slot (FH, 10.5"L)

	Slot Description
5	PCIe 5.0 x16 Slot (FH, 10.5"L)
6	PCIe 5.0 x16 Slot (FH, 10.5"L)
A1	2-port 100GbE (NVIDIA CX-6)
A2	PCIe 5.0 x16 AIOM (OCP 3.0)

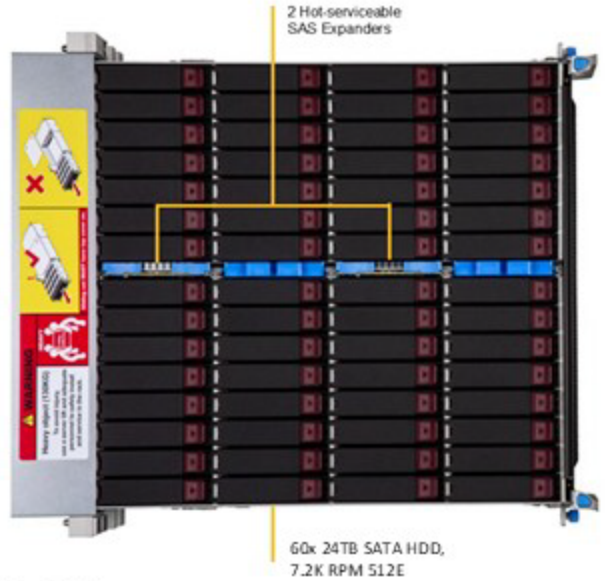
Enterprise Storage 4U Top-Loading

Messaging / Web Repository

Key Features:

- **Great fit for datacenters** with **standard depth compute racks**
- **60 hot-swap 3.5"SATA drives**, provides 1.4PB of raw capacity. multi-petabyte nodes in a compact 4U form factor. This significantly reduces rack footprint and cost per TB for large-scale object storage.
- **Ideal for massive object-storage clusters** (Ceph, Scality, Cloudian, Minio etc.)

Specifications	SSG-542B-E1CR60-01-G2
Raw Storage	1,440TB (60* 24TB) total storage via Broadcom® 3916 HW RAID
Flash Storage	960GB (1* 960GB U.2 NVMe) flash storage
CPU	32 cores / 2.5GHz (Intel® Xeon® 6730P processor)
Memory	512GB (16* 32GB DDR5-5200)
Networking	2-port 25GbE
Power Supply	Redundant 2000W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Slot	Description
0 – 1	960GB U.2 NVMe SSD, 1 DWPD

	Slot Description
1	2-port 25GbE (Intel XXV710)
2	PCIe 5.0 x16 Slot (FH, 10.5"L)
3	PCIe 5.0 x16 Slot (FH, 10.5"L)
4	3916 HW RAID Controller

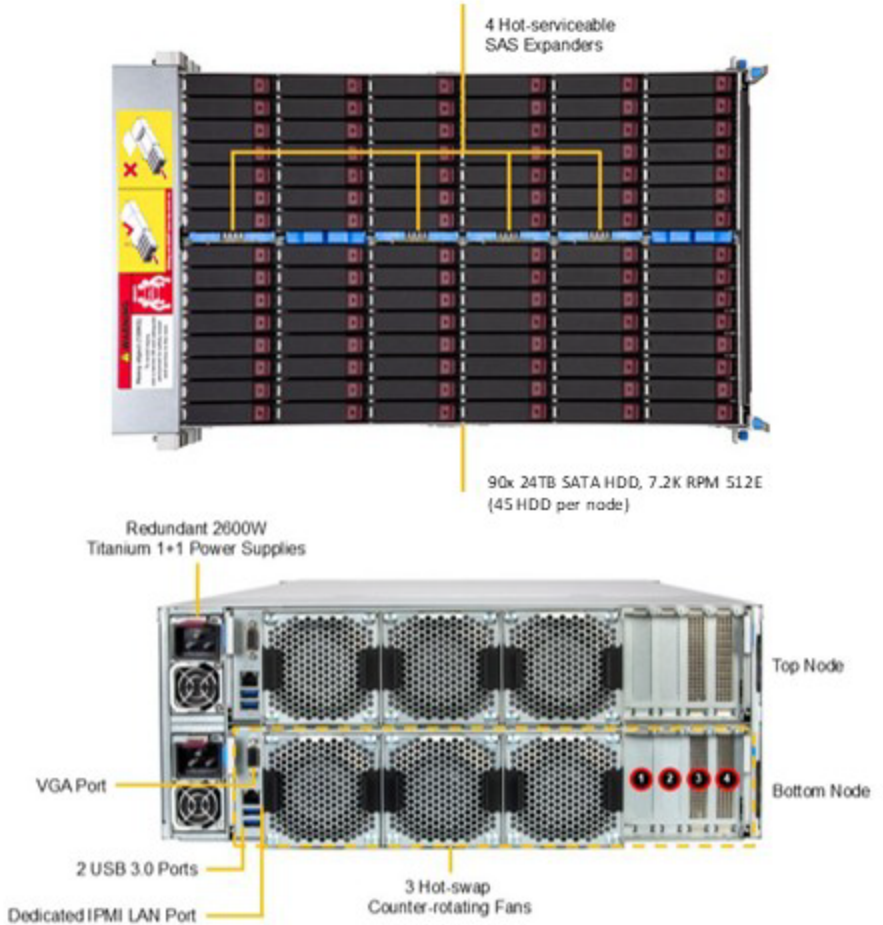
Enterprise Storage 4U 2-Node Top-Loading

FSI / Dual Node Storage

Key Features:

- **Dual node design** features 45 hot-swap 3.5” SATA drives per node, offering 2.1PB of raw storage in 4U. Multi-petabyte HA clusters can be constructed using two, intaking only 8U of rack space.
- **Software Defined**: Enterprise-Grade Capacity and Resiliency using SDS erasure code or replication methods.
- **High bandwidth networking**: Large memory footprint and high-speed networking allow for low latency performance with containerized analytics and in-memory workloads

Specifications	SSG-542B-DE1CR90-01-G2
Raw Storage	1,080TB (45* 24TB) total storage via Broadcom® 3816 HBA per node
Flash Storage	1.9TB (2* 960GB M.2 NVMe) flash storage per node
CPU	36 cores / 2.0GHz (Intel® Xeon® 6736P processor) per node
Memory	512GB (16* 32GB DDR5-5200) per node
Networking	2-port 200GbE/HDR200 per node
Power Supply	Redundant 2600W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Per Node	Slot Description
1	2-port 1GbE (i350)
2	2-port 200GbE/HDR200 (NVIDIA CX -6)
3	PCIe 5.0 x16 Slot (FH, 10.5"L)
4	3816 SAS Controller
Internal	2x 960GB M.2 GEN4 NVMe SSD, 1 DWPD

Enterprise AI 2U 2-GPU

SaaS - Agent Flow AI Inference

Key Features:

- **Powered by NVIDIA Blackwell GPUs**, providing next-gen performance and efficiency for high-volume inference workloads
- **High memory bandwidth (DDR5 @ 6400MT/s)** ensures excellent throughput for model loading, batching, and CPU-GPU pipelines
- **Dual high-speed NVMe (3.8TB E1.S)** supports rapid dataset access, embeddings caching, and model swapping
- **Compact 2U AI inference system**, delivering strong GPU density without large power/space requirements
- **Ideal for multi-tenant AI workloads**, providing strong isolation and consistent performance for SaaS customer environments

Specifications	SYS-212GB-FNR-01-G2
GPU	2* NVIDIA RTX PRO™ 6000 Server Edition
CPU	32 cores / 2.5GHz (Intel® Xeon® 6731P processor)
Memory	512GB (8* 64GB DDR5-6400)
Storage	7.6TB (2* 3.8TB E1.S NVMe, 1* 960GB M.2 NVMe) flash storage
Networking	2-port 10GbE
Power Supply	Redundant 2700W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	No
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

	Slot Description
1	PCIe 5.0 x16 Slot (FHFL)
2	NVIDIA RTX PRO 6000 Blackwell SE
3	PCIe 5.0 x16 Slot (FHFL)
4	NVIDIA RTX PRO 6000 Blackwell SE

	Slot Description
5	PCIe 5.0 x16 Slot (FHFL)
6	PCIe 5.0 x16 Slot (FHFL)
7	2-port 10GbE (Intel X710)

Slot	Description
0 – 1	3.84TB E1.S NVMe GEN5 SSD, 1 DWPD
2 – 3	Hot-swap E1.S NVMe Drive Bays
Internal	1x 960GB M.2 GEN4 NVMe SSD

Enterprise AI 4U 4-GPU

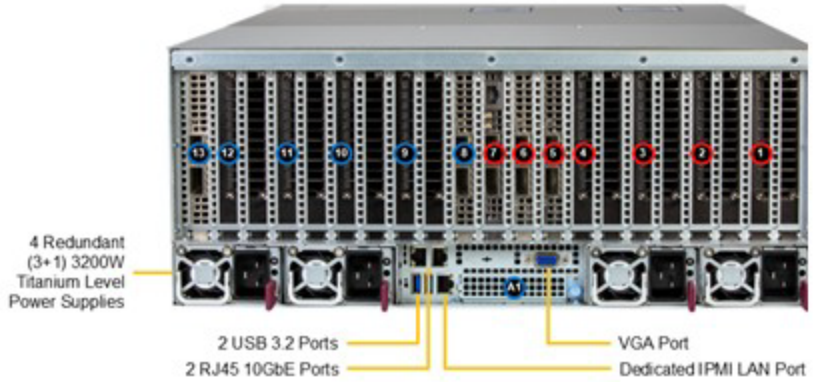
SaaS - Agent Flow AI Inference

Key Features:

- **4x NVIDIA Blackwell GPUs** deliver exceptional inference density, ideal for multi-tenant AI workloads and PaaS environments
- **1TB of high-bandwidth DDR5 memory (@6400MT/s)** supports large model hosting, fast batching, and high concurrency
- **High-performance NVMe storage** (2 × 3.8TB U.2) enables rapid model loading and local caching
- **Enterprise-grade reliability** with 4× redundant 3200W Titanium PSUs for uninterrupted AI service delivery
- **10GbE networking** integrates smoothly into standard enterprise fabrics for scalable, distributed deployments
- **Purpose-built for PaaS/AI service providers**, offering consistent performance, low latency, and operational efficiency

Specifications	SYS-422GA-NRT-01-G2
GPU	4* NVIDIA RTX PRO™ 6000 Server Edition
CPU	144 cores / 2.7GHz (2* Intel® Xeon® 6960P processors)
Memory	1TB (16* 64GB DDR5-6400)
Storage	7.6TB (2* 3.8TB U.2 NVMe, 1* 960GB M.2 NVMe) flash storage
Networking	2-port 10GbE
Power Supply	Redundant 3200W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	No
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Slot	Description
0 – 1	3.84TB U.2 NVMe GEN4 SSD, 1 DWPD
2 – 7	2.5" Hot-swap NVMe Drive Bays
Internal	1x 960GB M.2 GEN4 NVMe SSD



	Slot Description
1 – 2	PCIe 5.0 x16 Slot (FHFL) from PCIe switch
3	NVIDIA RTX PRO 6000 Blackwell SE
4	NVIDIA RTX PRO 6000 Blackwell SE
5 – 6	PCIe 5.0 x16 Slot (FHFL) from PCIe switch
7	PCIe 5.0 x16 Slot (FHFL) from CPU

	Slot Description
8	PCIe 5.0 x16 Slot (FHFL) from PCIe switch
9	NVIDIA RTX PRO 6000 Blackwell SE
10	NVIDIA RTX PRO 6000 Blackwell SE
11 – 12	PCIe 5.0 x16 Slot (FHFL) from PCIe switch
AI	PCIe 5.0 x16 AIOM (OCP3.0)

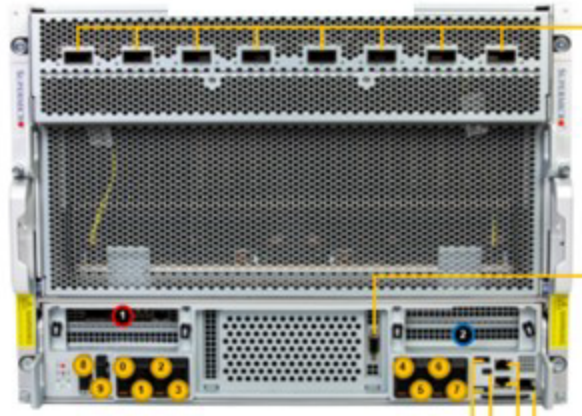
Enterprise AI 8U 8-GPU

Large-Scale AI Inference Serving

Key Features:

- **8x NVIDIA Blackwell B300 GPUs** deliver extreme compute density for large-scale, multi-tenant AI inference and PaaS workloads
- **Dual 5th Gen AMD EPYC Processors** providing high core-count performance for intensive AI serving pipelines
- **3TB of high-bandwidth DDR5 memory (6400MT/s)** supports large model hosting, fast batching, and high concurrency
- **High-performance NVMe storage** enables rapid model loading, caching, and high-throughput data access
- **Enterprise-grade reliability** with redundant 6600W Titanium-level PSUs for uninterrupted AI service delivery
- **Built for PaaS/AI service providers**, offering consistent high performance, low latency, and operational efficiency

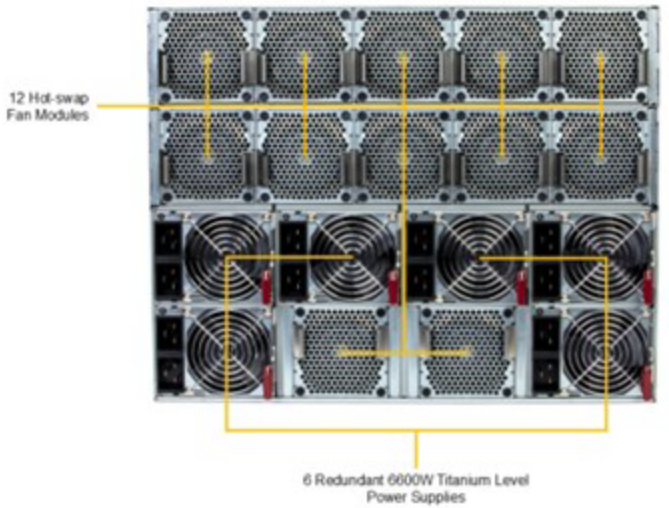
Specifications	AS -8126GS-NB3RT-01-G2
GPU	NVIDIA Blackwell HGX B300 8-GPU
CPU	128 cores / 3.3GHz (2* AMD EPYC™ 9575F processors)
Memory	3TB (24* 128GB DDR5-6400)
Storage	61.4TB (8* 7.6TB E1.S NVMe, 2* 1.9TB M.2 NVMe) flash storage
Networking	8-port XDR800 or 16-port 400GbE, 4-port 200GbE/NDR200 (2* 2-port)
Power Supply	Redundant 6600W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	No
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Drive Bay	Description
0 – 7	7.6TB E1.S NVMe Drive Bay
8 – 9	1.9TB M.2 GEN4 NVMe SSD

	Slot Description
1	2-port 200GbE/NDR200 (NVIDIA CX-7)
2	2-port 200GbE/NDR200 (NVIDIA CX-7)

CPU1 CPU2



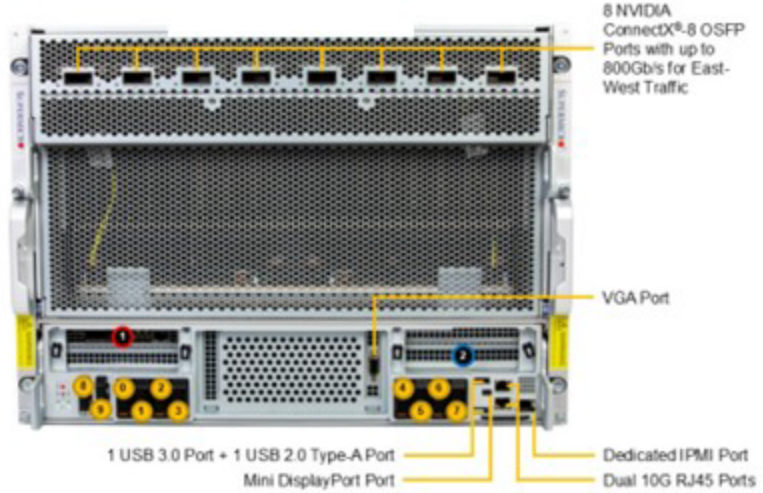
Enterprise AI 8U 8-GPU

Large-Scale AI Inference Serving

Key Features:

- **8x NVIDIA Blackwell B300 GPUs** deliver extreme compute density for large-scale, multi-tenant AI inference and PaaS workloads
- **Dual Intel Xeon 6 Processors** providing high core-count performance for intensive AI serving pipelines
- **2TB of high-bandwidth DDR5 memory (6400MT/s)** supports large model hosting, fast batching, and high concurrency
- **High-performance NVMe storage** enables rapid model loading, caching, and high-throughput data access
- **Enterprise-grade reliability** with redundant 6600W Titanium-level PSUs for uninterrupted AI service delivery
- **Built for PaaS/AI service providers**, offering consistent high performance, low latency, and operational efficiency

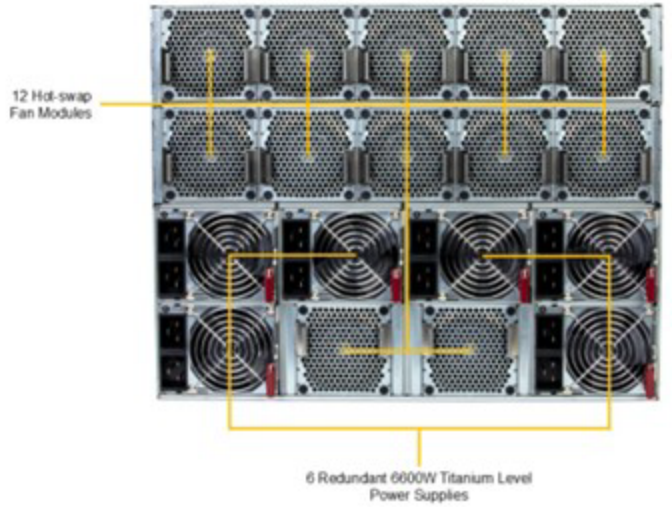
Specifications	SYS-822GS-NB3RT-01-G2
GPU	NVIDIA Blackwell HGX B300 8-GPU
CPU	128 cores / 2.4GHz (2* Intel® Xeon® 6768P processors)
Memory	2TB (16* 128GB DDR5-6400)
Storage	960GB (1* 960GB M.2 NVMe) flash storage
Networking	8-port XDR800 or 16-port 400GbE
Power Supply	Redundant 6600W Titanium Level PSU
Management Software Included	Supermicro DataCenter Management Suite
Trusted Platform Module Included	No
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship



Drive Bay	Description
0 – 7	8 Hot-swap E1.S NVMe Drive Bay
8	960GB M.2 GEN4 NVMe SSD
9	M.2 NVMe Drive Bay

	Slot Description
1 – 2	PCIe 5.0 x16 FHHL from PCIe Switch (N-S)

CPU1 CPU2



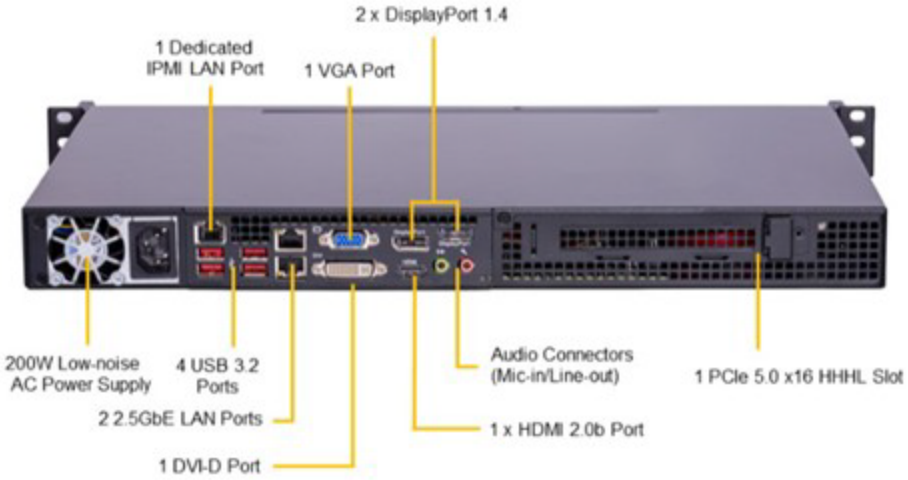
Intelligent Edge 1U Ultra-Short Depth

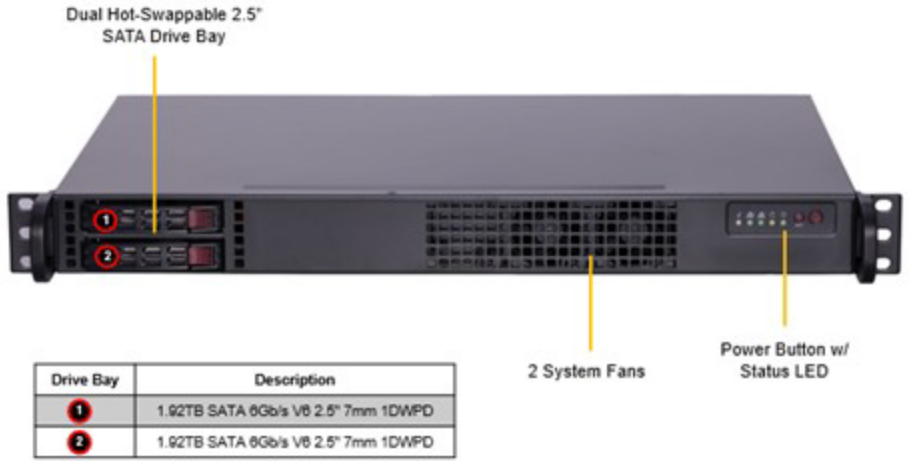
Retail – Self Checkout

Key Features:

- **Compact, energy-efficient design** for flexible deployment in space constrained environments
- **Ample memory capacity (64GB ECC DDR5)** ensures reliable operation of multiple concurrent applications while improving system stability & data integrity
- **Dual hot-swappable 2.5" SATA bays** simplifies serviceability and reduces maintenance time, improving uptime in retail environments
- **2x 2.5GbE high-speed LAN ports** provide secure, low-latency connections to POS networks and store management infrastructure
- **Flexible I/O** (USB, VGA, Audio, DP) enables compatibility with a wide range of POS peripherals and kiosk components

Specifications	SYS-111AD-HN2-01-G2
CPU	12 cores / 2.1GHz (Intel® Core™ i7-12700E processor)
Memory	64GB (2* 32GB DDR5-5600)
Storage	3.8TB (2* 1.9TB 2.5" SATA) flash storage
Networking	2-port 2.5 GbE
Power Supply	Single 200W Gold Level PSU
Management Software Included	N/A
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship





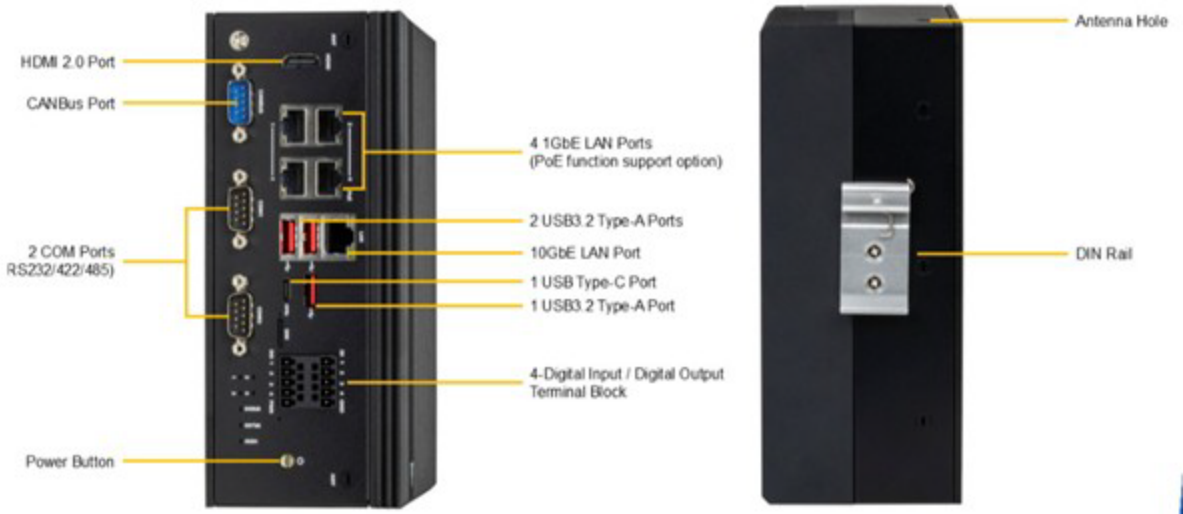
Drive Bay	Description
1	1.92TB SATA 6Gb/s V6 2.5" 7mm 1DWPD
2	1.92TB SATA 6Gb/s V6 2.5" 7mm 1DWPD

Intelligent Edge Fanless Edge AI

Retail - Point of Sales

Key Features:

- **Jetson Orin NX platform** delivers up to **157 TOPS**, enabling AI inferencing directly at the edge **Fanless, and compact design** ideal for retail, industrial, and embedded environments
- **Rich connectivity** (4x GbE, 1x 10GbE, CANBus, Serial, HDMI, USB) supports a wide range of peripherals and legacy systems
- **Wide DC input (9–36V)** ensures compatibility with diverse power environments
- **Low-power consumption** makes it cost-efficient for high-volume deployments across retail stores or field locations
- **Purpose-built for scalable AI at the edge**, reducing dependency on cloud compute and improving responsiveness, privacy, and reliability
- **Flexible Deployment** with options in mounting preferences such as DIN rail or wall mount



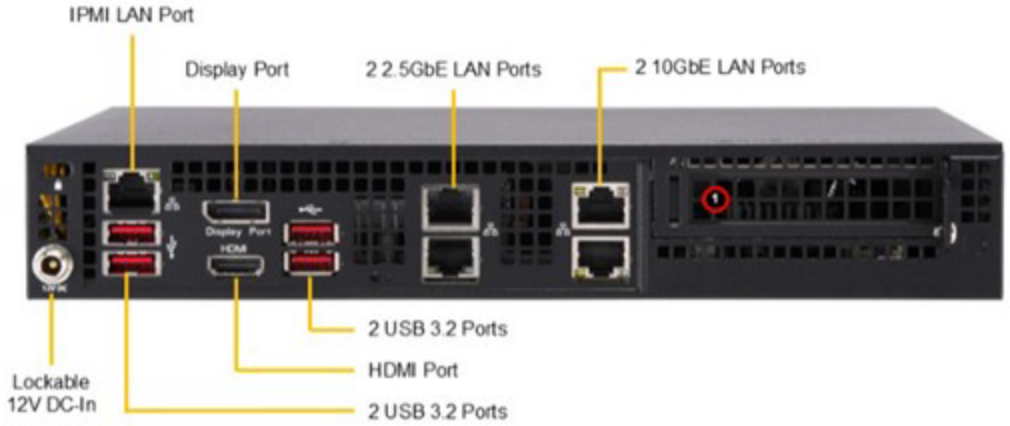
Specifications	ARS-E103-JONX-H2-01-G2
CPU	8 cores / 1024 CUDA cores / 32 Tensor cores (NVIDIA® Jetson Orin™ NX)
Memory	16GB Onboard Memory
Storage	256GB (1* 256GB M.2 NVMe) flash storage
Networking	1-port 10GbE, 4-port 1GbE
Power Supply	DC 9-36V, 2-pin terminal block
Management Software Included	NVIDIA JetPack
Trusted Platform Module Included	N/A
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Intelligent Edge Compact Edge

QSR – Service Flow Optimization

Key Features:

- **Powerful AI-ready Edge Platform** – 14-core Intel processor with integrated NPU for high-performance compute in real-time restaurant operations
- **High-speed Networking** – Dual 2.5GbE and dual 10GbE ports for local content distribution and edge virtualization
- **Compact, Energy-Efficient Design** – Ideal for back-office retail edge compute applications or store infrastructure management
- **Scalable Across Multi-store Chains** – Simple to deploy, remote manageable, and designed for large rollouts across QSR fleets
- **Flexible Deployment** with various options in mounting preferences such as wall mount, 1U rackmount, desktop stand



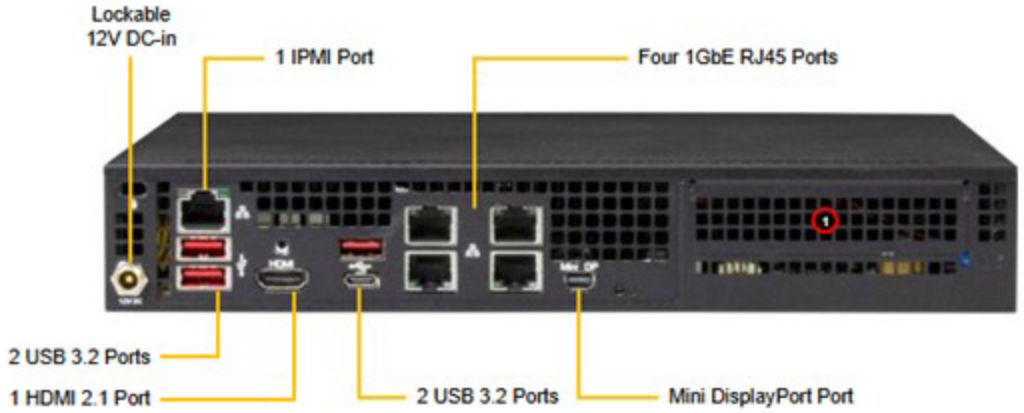
Specifications	SYS-E300-14AR-01-G2
CPU	14 cores / 3.0GHz (Intel® Core Ultra™ U5-245 processor)
Memory	32GB (2* 16GB DDR5-5600)
Storage	960GB (1* 960GB M.2 NVMe) flash storage
Networking	2-port 10GbE, 2-port 2.5GbE
Power Supply	12V DC-IN 180W Power Adapter
Management Software Included	N/A
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship

Intelligent Edge Compact Edge

Retail – Store Process Management

Key Features:

- **Compact, Store-Friendly Form Factor** – Quiet, low-power, and easy to mount in back-office or front-store environments.
- **Reliable 24/7 Operation** – Industrial-grade design with AMD EPYC performance, ECC memory, and robust thermal management.
- **Cost-Efficient Edge Compute** – Delivers strong CPU performance for AI, analytics, and operations at a fraction of cloud-compute cost.
- **Secure & Controlled Environment** – On-prem execution ensures data governance, consistent uptime, and resilience even when WAN connectivity is unreliable.
- **Flexible Deployment** with various options in mounting preferences such as wall mount, 1U rackmount, desktop stand



Specifications	AS -E300-14GR-01-G2
CPU	16 cores / 3.0GHz (AMD EPYC™ 4545P processor)
Memory	32GB (1* 32GB DDR5-5600)
Storage	960GB (1* 960GB M.2 NVMe) flash storage
Networking	4x GbE Networking
Power Supply	12V DC-IN 180W Power Adapter
Management Software Included	N/A
Trusted Platform Module Included	TPM 2.0
System Warranty	3/3/1: System Warranty includes three years of labor, three years of parts, and one year cross-ship


SUPERMICR