SUPERMICRO

SUPERMICRO GOLD SERIES

# Gold Series Servers

## Ready-to-Deploy Best-Selling Server Platforms, Pre-Configured with Key Components for Reduced Lead Times

For Enterprise AI, Compute, Storage, and Edge

MARCH 2026

SUPERMICRO GOLD SERIES

# Supermicro Ready-to-Ship Gold Series Pre-Configured Systems

Supermicro Gold Series systems take the guesswork out of enterprise server acquisition, with pre-configured systems ready to ship directly from our warehouses. All Gold Series servers are optimized for specific AI, cloud, storage, and edge workloads, and include CPUs, GPUs (enterprise AI only), memory, storage, networking, and power supplies pre-installed and ready to power-on out of the box.

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## Purchase with Confidence

Based on our most popular server products, Supermicro Gold Series systems are pre-configured for specific workloads, complete with CPUs, GPUs (enterprise AI only), memory, storage, networking, and power supplies. These configurations have been pre-tested and are ready to go from day one.

## Short Lead Times

Gold Series products are pre-configured and ready to ship, meaning 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 Implementation

Systems are delivered to the customer with components already installed and pre-tested. Simply unpack, rack, and connect power & networking to get started.

# Enterprise Data Center

## Maximum Performance and Flexibility Rackmount Platform

**Benefits & Advantages:**

- Single processor configurations
- Compact 1U and 2U form factor maximize compute density per rack unit
- Flexible I/O and storage allows the addition of components as workloads evolve
- Tool-less platform for ease of servicing and maintenance

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## 1U Hyper

*In-Memory Database for AI Inferencing*

| Model | SYS-112H-TN-01-G2 |
|---|---|
| CPU | 64 cores / 2.5GHz (Intel® Xeon® 6 processor) |
| Memory | 1TB (6400MT/s) Total Memory |
| Storage | 7.6TB Total Flash Storage |
| Networking | 25GbE Networking |

## 1U Hyper

*IaaS – Compute/Virtualization Bare Metal*

| Model | SYS-112H-TN-02-G2 |
|---|---|
| CPU | 32 cores / 2.5GHz (Intel® Xeon® 6 processor) |
| Memory | 1TB (5200MT/s) Total Memory |
| Storage | 1.9TB Total Flash Storage |
| Networking | 25GbE Networking |

## 2U Hyper

*In-Memory Database for AI Inferencing*

| Model | SYS-212H-TN-01-G2 |
|---|---|
| CPU | 64 cores / 2.5GHz (Intel® Xeon® 6 processor) |
| Memory | 1TB (6400MT/s) Total Memory |
| Storage | 7.6TB Total Flash Storage |
| Networking | 25GbE Networking |

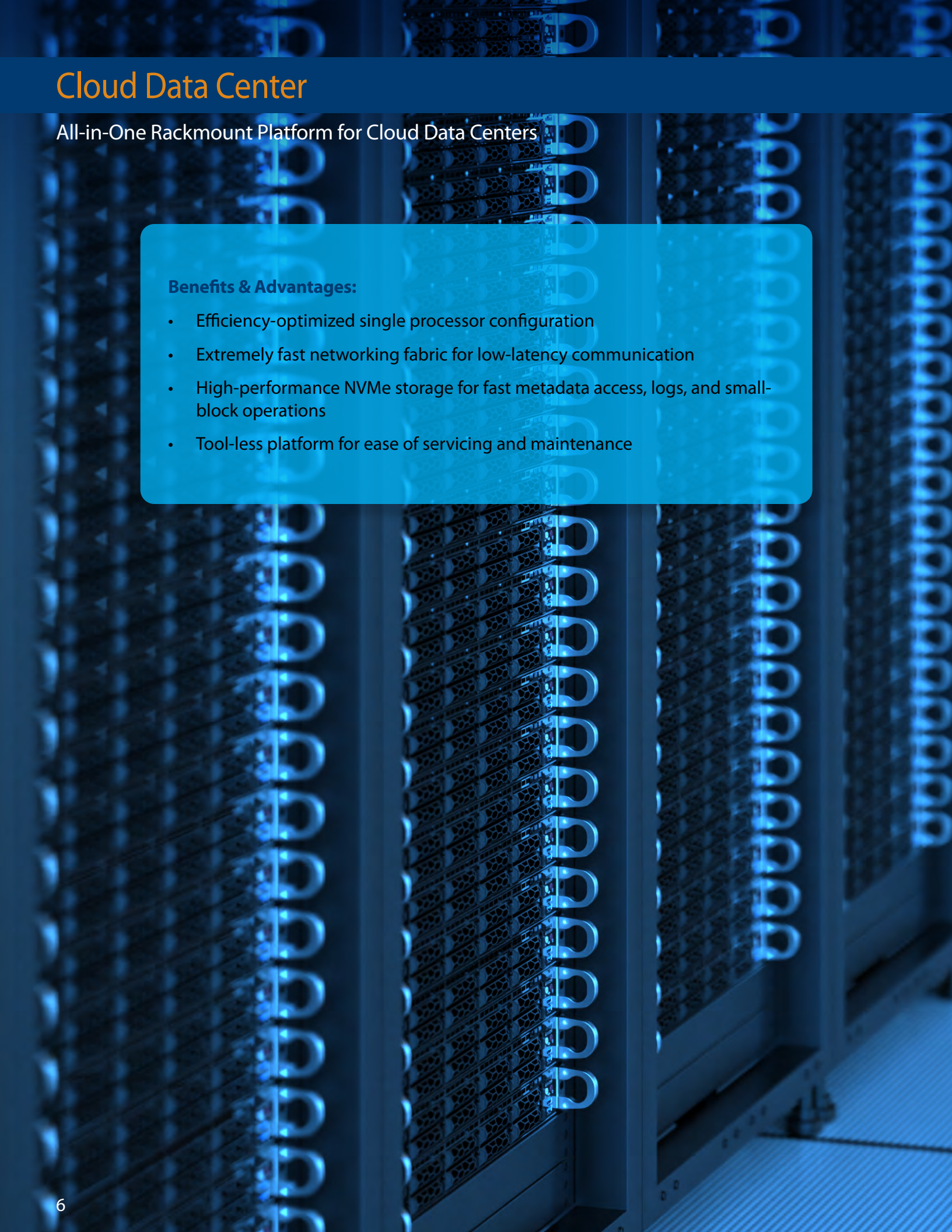
## 2U Hyper

*In-Memory Database for AI Inferencing*

| Model | AS -2115HS-TNR-01-G2 |
|---|---|
| CPU | 96 cores / 2.6GHz (5th Gen AMD EPYC™ processor) |
| Memory | 1.5TB (4000MT/s) Total Memory |
| Storage | 15.2TB Total Flash Storage |
| Networking | 200GbE/NDR200 (NVIDIA BlueField®-3 DPU) |

# Cloud Data Center

## All-in-One Rackmount Platform for Cloud Data Centers



**Benefits & Advantages:**

- Efficiency-optimized single processor configuration
- Extremely fast networking fabric for low-latency communication
- High-performance NVMe storage for fast metadata access, logs, and small-block operations
- Tool-less platform for ease of servicing and maintenance

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## 1U CloudDC

*Compute/Metadata Node for AI Storage Cluster*

| **Model** | **AS -1115CS-TNR-01-G2** |
|---|---|
| CPU | 64 cores / 3.2GHz (5th Gen AMD EPYC™ processor) |
| Memory | 384GB (6400MT/s) Total Memory |
| Storage | 960GB Total Flash Storage |
| Networking | 200GbE/NDR200 Networking |

# GrandTwin®

## Multi-Node Architecture Optimized for Single Processor Performance

**Benefits & Advantages:**

- 2U 4-node design delivers excellent compute and storage consolidation, reducing data center footprint and TCO
- Front/cold aisle serviceability with easy front node access
- Fast networking connectivity enables low-latency communication for distributed applications
- Ideal for scaling out

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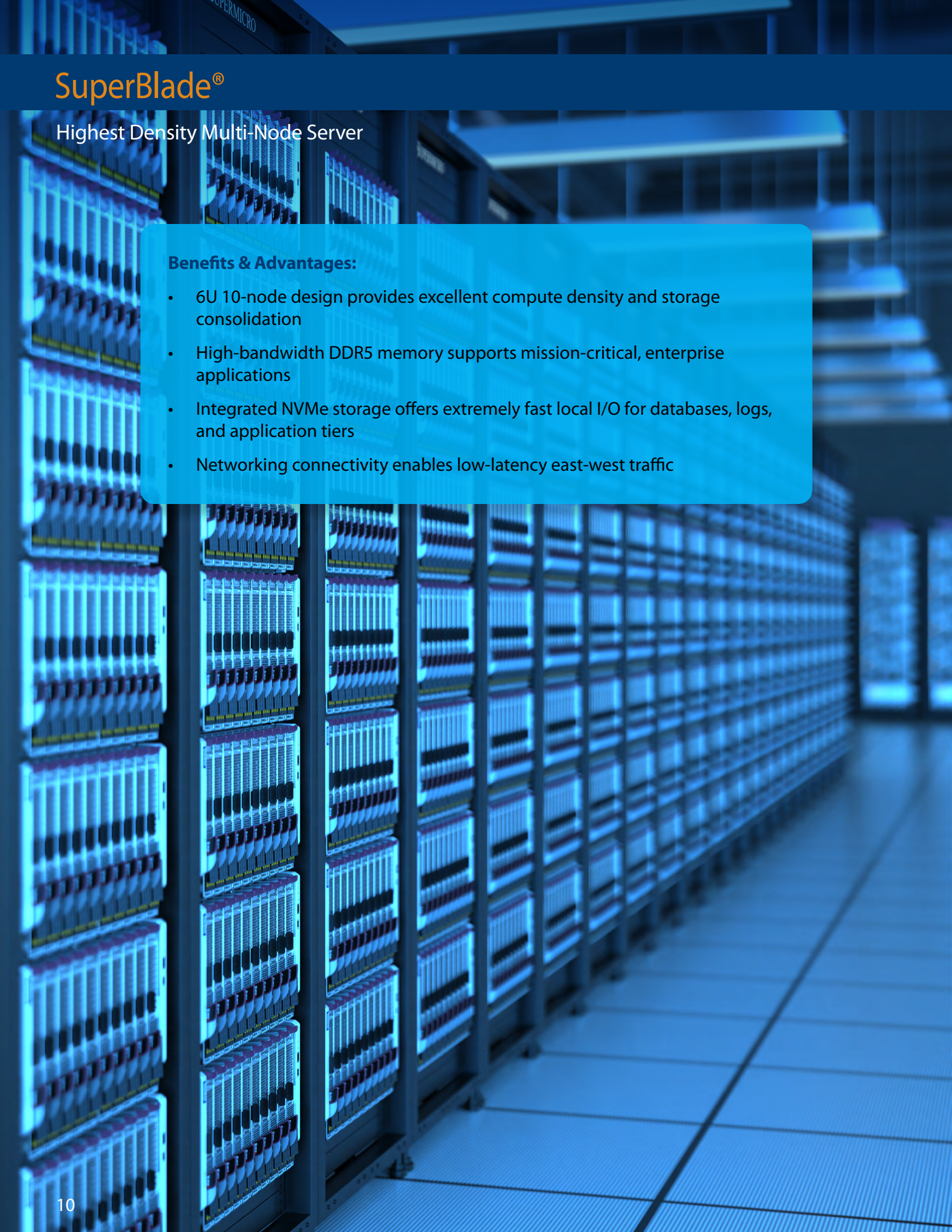
## 2U 4-Node GrandTwin®

*Web Application/Storage*

| **Model** | **AS -2115GT-HNTR-01-G2** |
|---|---|
| CPU | 64 cores / 2.45GHz (4th Gen AMD EPYC™ processor) per node |
| Memory | 512GB (4800MT/s) Total Memory per node |
| Storage | 960GB Total Flash Storage per node |
| Networking | 100GbE Networking per node |

# SuperBlade®

## Highest Density Multi-Node Server



**Benefits & Advantages:**

- 6U 10-node design provides excellent compute density and storage consolidation
- High-bandwidth DDR5 memory supports mission-critical, enterprise applications
- Integrated NVMe storage offers extremely fast local I/O for databases, logs, and application tiers
- Networking connectivity enables low-latency east-west traffic

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## 6U SuperBlade®

*FSI, AI, EDA, 3D Rendering & Simulation*

| **Model** | **SBI-612B-1NE34-01-G2** |
|---|---|
| CPU | 16 cores / 3.2GHz (Intel® Xeon® 6 processor) per node |
| Memory | 128GB (6400MT/s) Total Memory per node |
| Storage | 1.92TB Total Flash Storage per node |
| Networking | Up to 4x 25G Ethernet switches on the enclosure |

# Large-Scale AI Inference

## Multi-GPU Building Block for Large-Scale AI Inference and HPC Applications

**Benefits & Advantages:**

- Powered by NVIDIA HGX™ B300 8-GPU to deliver extreme compute density for large-scale, multi-tenant AI inference and PaaS workloads
- Latest Intel and AMD high-performance CPUs provides high core-count performance for intensive AI serving pipelines
- High-bandwidth DDR5 memory supports large model hosting, fast batching, and high concurrency
- High-performance NVMe storage enables rapid model loading, caching, and high-throughput data access

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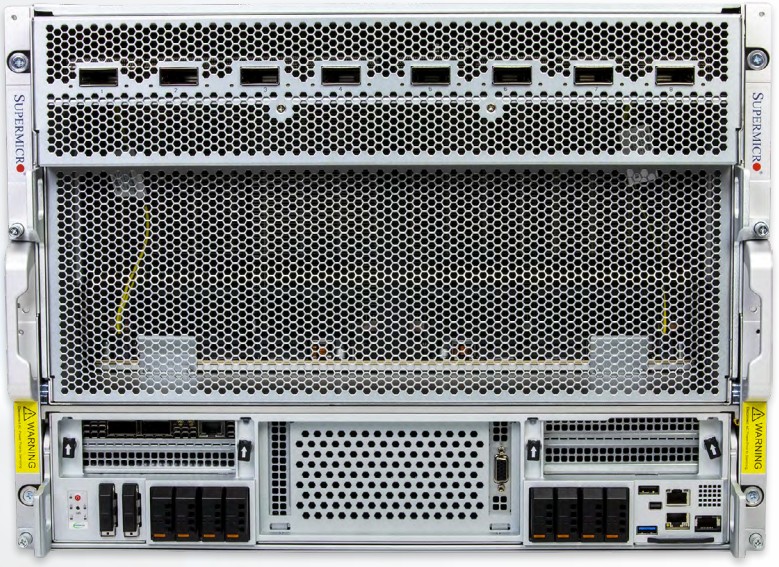
## 8U 8-GPU System



*Large-Scale AI Inference Serving*

| Model | SYS-822GS-NB3RT-01-G2 |
|---|---|
| GPU | NVIDIA HGX™ B300 8-GPU |
| CPU | 128 cores / 2.4GHz (Dual Intel® Xeon® 6 processor) |
| Memory | 2TB (6400MT/s) Total Memory |
| Storage | 960GB Total Flash Storage |
| Networking | 8-port XDR800 or 16-port 400GbE |

*Large-Scale AI Inference Serving*

| Model | AS -8126GS-NB3RT-01-G2 |
|---|---|
| GPU | NVIDIA HGX™ B300 8-GPU |
| CPU | 128 cores / 3.3GHz (Dual 5th Gen AMD EPYC™ processor) |
| Memory | 3TB (6400MT/s) Total Memory |
| Storage | 61.4TB Total Flash Storage |
| Networking | 8-port XDR800 or 16-port 400GbE<br>4-port 200GbE/NDR200 |

# AI Inferencing & Training

Multi-GPU Configuration Optimized for Generative AI, Physical AI, Graphics, Scientific Computing, and Video Applications

**Benefits & Advantages:**

- Powered by NVIDIA RTX PRO™ 6000 Blackwell Server Edition to provide next-generation performance and efficiency
- High memory bandwidth ensures excellent throughput for large model hosting, batching, and high concurrency
- High-performance NVMe storage enables rapid model loading and local caching
- 10GbE networking integrates smoothly into standard enterprise fabrics for scalable, distributed deployments

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## 2U 2-GPU System

*SaaS - Agent Flow AI Inference*

| **Model** | **SYS-212GB-FNR-01-G2** |
|---|---|
| GPU | 2x NVIDIA RTX PRO™ 6000 Blackwell Server Edition |
| CPU | 32 cores / 2.5GHz (Intel® Xeon® 6 processor) |
| Memory | 512GB (6400MT/s) Total Memory |
| Storage | 7.6TB Total Flash Storage |
| Networking | 10GbE Networking |

## 4U 4-GPU System

*PaaS - Agent Flow AI Inference*

| **Model** | **SYS-422GA-NRT-01-G2** |
|---|---|
| GPU | 4x NVIDIA RTX PRO™ 6000 Blackwell Server Edition |
| CPU | 144 cores / 2.7GHz (Dual Intel® Xeon® 6 processors) |
| Memory | 1TB (6400MT/s) Total Memory |
| Storage | 7.6TB Total Flash Storage |
| Networking | 10GbE Networking |

# Front Loading Storage

High-Capacity Configuration Optimized for Software-Defined Storage, HPC Workloads, Object Storage, Video Streaming, Cold Archive, and Media Content Delivery

**Benefits & Advantages:**

- 2U form factor with eight 24TB HDDs for large datasets and virtual machine storage pools
- High memory bandwidth improves performance of caching layers, metadata services, and storage controllers
- 25GbE dual-port networking design ensures fast data movement and low-latency access

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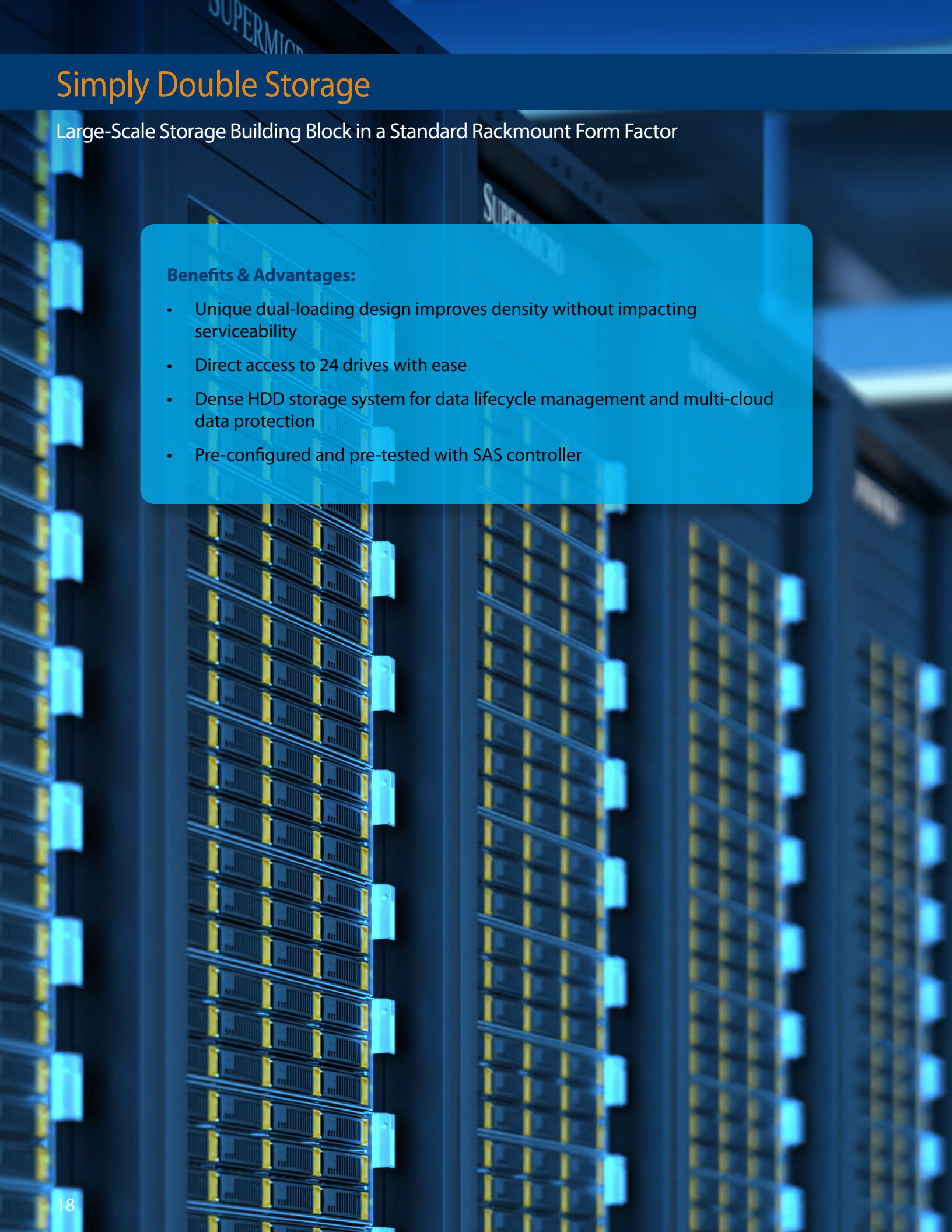
## 2U CloudDC

*Storage Hardware for IaaS*

| **Model** | **AS -2015CS-TNR-01-G2** |
|---|---|
| CPU | 48 cores / 3.15GHz (5th Gen AMD EPYC™ processor) |
| Memory | 768GB (6400 MT/s) Total Memory |
| Storage | 8TB Total Flash Storage 192TB Raw Storage Capacity (AMD EPYC™ integrated SATA) |
| Networking | 25GbE Networking |

# Simply Double Storage

## Large-Scale Storage Building Block in a Standard Rackmount Form Factor



**Benefits & Advantages:**

- Unique dual-loading design improves density without impacting serviceability
- Direct access to 24 drives with ease
- Dense HDD storage system for data lifecycle management and multi-cloud data protection
- Pre-configured and pre-tested with SAS controller

# Simply Double Storage

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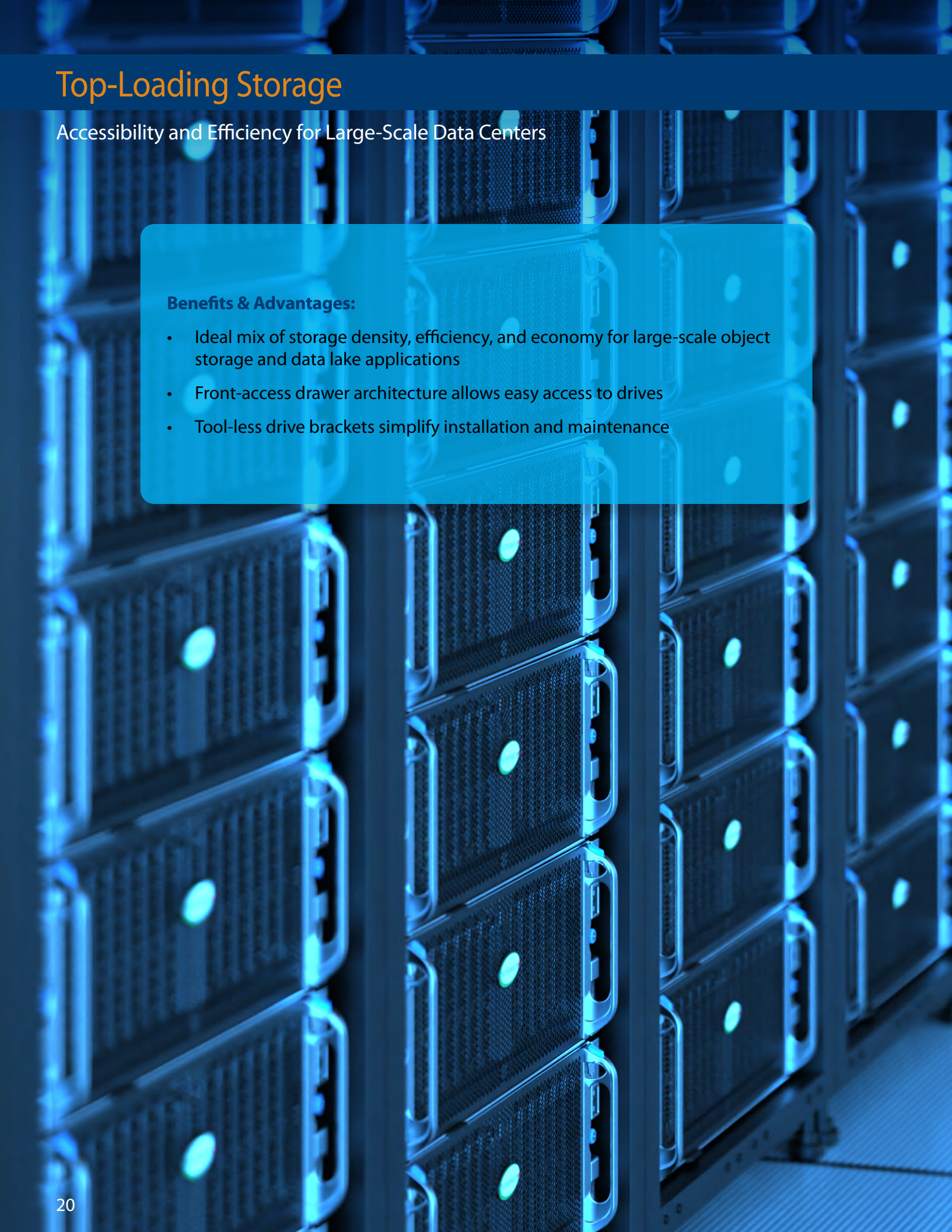
## 2U Simply Double

*Big Data Analytics/Content Repository*

| **Model** | **ASG-2015S-E1CR24L-01-G2** |
|---|---|
| CPU | 32 cores / 2.7GHz (4th Gen AMD EPYC™ processor) |
| Memory | 512GB (4800 MT/s) Total Memory |
| Storage | 528TB Raw Storage Capacity  960GB Total Flash Storage |
| Networking | 100GbE Networking |
| Storage Controller | Broadcom® 3808 HBA |

# Top-Loading Storage

## Accessibility and Efficiency for Large-Scale Data Centers



**Benefits & Advantages:**

- Ideal mix of storage density, efficiency, and economy for large-scale object storage and data lake applications
- Front-access drawer architecture allows easy access to drives
- Tool-less drive brackets simplify installation and maintenance

# Top-Loading Storage

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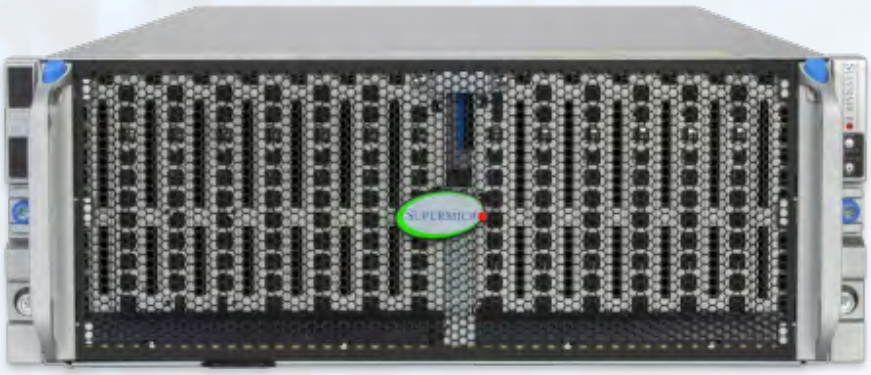
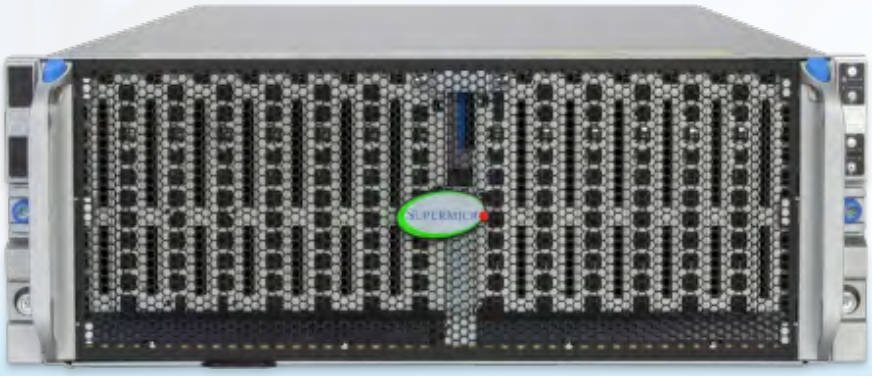
## 4U Top-Loading



*Cloud-Scale Object Storage*

| **Model** | **SSG-542B-E1CR60-01-G2** |
|---|---|
| CPU | 32 cores / 2.5GHz (Intel® Xeon® 6 processor) |
| Memory | 512GB (5200 MT/s) Total Memory |
| Storage | 1.9TB Total Flash Storage;<br>1,440TB Raw Storage Capacity (Broadcom® 3916 HW RAID) |
| Networking | 25GbE Networking |

## 4U 2-Node Top-Loading



*Cloud-Scale Object Storage*

| **Model** | **SSG-542B-DE1CR90-01-G2** |
|---|---|
| CPU | 36 cores / 2GHz (Intel® Xeon® 6 processor) per node |
| Memory | 512GB (5200 MT/s) Total Memory per node |
| Storage | 1,080TB Raw Storage Capacity (Broadcom® 3816 HBA) per node;<br>1.9TB Total Flash Storage per node |
| Networking | 200GbE/HDR200 Networking per node |

# Intelligent Edge

## Compact Systems for the Intelligent Edge, Ready to be Deployed in Remote Environments or Integrated into Specialized Equipment

**Benefits & Advantages:**

- Power-efficient compute and performance to environments, such as retail, manufacturing, healthcare, and public spaces
- Ready to be deployed in remote environments or integrated into existing infrastructure

### 1U Ultra-Short Depth

*Self-Checkout Kiosk - Retail*

### Fanless Edge AI System

*Retail - Point of Sales*

| **Model** | **SYS-111AD-HN2-01-G2** | **ARS-E103-JONX-H2-01-G2** |
|---|---|---|
| CPU | 12 cores / 2.1GHz (Intel® Core™ i7 processor) | 8 cores / 1024 CUDA cores / 32 Tensor cores (NVIDIA® Jetson Orin™ NX) |
| Memory | 64GB (5600MT/s) Total Memory | 16GB Onboard Memory |
| Storage | 3.8TB Total Flash Storage | 256GB Total Flash Storage |
| Networking | 2.5GbE Networking | 10GbE Networking |

### Compact Edge System

*Retail Store Appliance*

### Compact Edge System

*QSR/Retail Workflow Management*

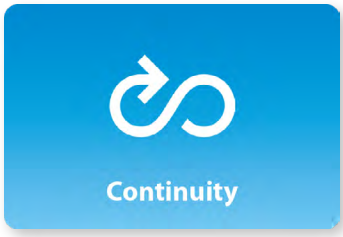
| **Model** | **AS -E300-14GR-01-G2** | **SYS-E300-14AR-01-G2** |
|---|---|---|
| CPU | 16 cores / 3.0GHz (5th Gen AMD EPYC™ processor) | 14 cores / 3.0GHz (Intel® Core™ Ultra 5 processor) |
| Memory | 32GB (5600MT/s) Total Memory | 32GB (5600MT/s) Total Memory |
| Storage | 960GB Total Flash Storage | 960GB Total Flash Storage |
| Networking | 1GbE Networking | 10GbE Networking |

# System Management Software

## Leverage Supermicro's management software suite to meet your IT infrastructure challenges

With a comprehensive range of high-end software solutions, Supermicro gives IT administrators the tools to optimize the management of IT systems and increase the utilization of computing and storage infrastructure. Whether you are looking to manage individual systems, optimize server lifecycle processes, or streamline operations for an entire data center, Supermicro has the right software to help you accomplish your goals.


- Obtain valuable insights in your infrastructure
- Monitor the health of servers and critical components
- Get proactive alerts




- Maintain system uptime to meet SLAs
- Early symptom detection to prevent component failure
- Remote management and troubleshooting


- Protect your IT infrastructure from external threats
- Centralized patch and BIOS management
- Extensive security features

## System Management Software Suite Bundles

Supermicro's System Management Software Suite consists of a set of specialized applications. These are available in the following bundles.

| Suite Bundle | Standard | Basic | Advanced | Enterprise |
|---|---|---|---|---|
| Description | Covers all core functionality to effectively set up, manage, and monitor your Supermicro systems. These features are available to all Supermicro users. | Extends the core functionality and makes system management easier with additional features, such as remote BIOS management and system updates. | Delivers a broad set of tools to help administrators improve the performance, up-time, and monitoring of Supermicro systems. | Offers an extensive platform to manage large data centers and coordinate automated lifecycle management, software-defined infrastructure, and more in a single pane of glass. |
| License | No license required | SFT-OOB-LIC | SFT-DCMS-SINGLE | SFT-DCMS-SINGLE + SFT-SDDC-SINGLE |
| Key Features* | Secure remote console (KVM/ HTML5)<br>System temperature monitoring<br>System power thresholds & alerts<br>Component monitoring<br>Email alerting<br>Remote configuration<br>Offline diagnostics<br>Crash dump<br>License management | Remote BMC management<br>Remote BIOS management<br>Out-of-Band systems checks<br>TPM Provisioning<br>Mount/Unmount ISO images from Samba/HTTP<br>Basic Redfish APIs<br>CIM management<br>SysLog | Remote OS deployment<br>Auto-discovery<br>Power capping<br>RAID monitoring and configuration<br>HDD monitoring<br>Advanced Redfish APIs<br>FW update policy<br>System lock down<br>Crash screen/video capture | 3rd Party vendor support<br>POD & Rack-level management<br>SDI Lifecycle management<br>Manage Composable Disaggregated Infrastructure<br>Zero-touch provisioning for network configuration<br>Single pane of glass for data center deployment<br>Rich analytics & telemetry<br>User defined role-based access control |

** For detailed information, please check with your Supermicro sales representative or refer to Supermicro website:*
**https://www.supermicro.com/en/solutions/management-software**

# Better

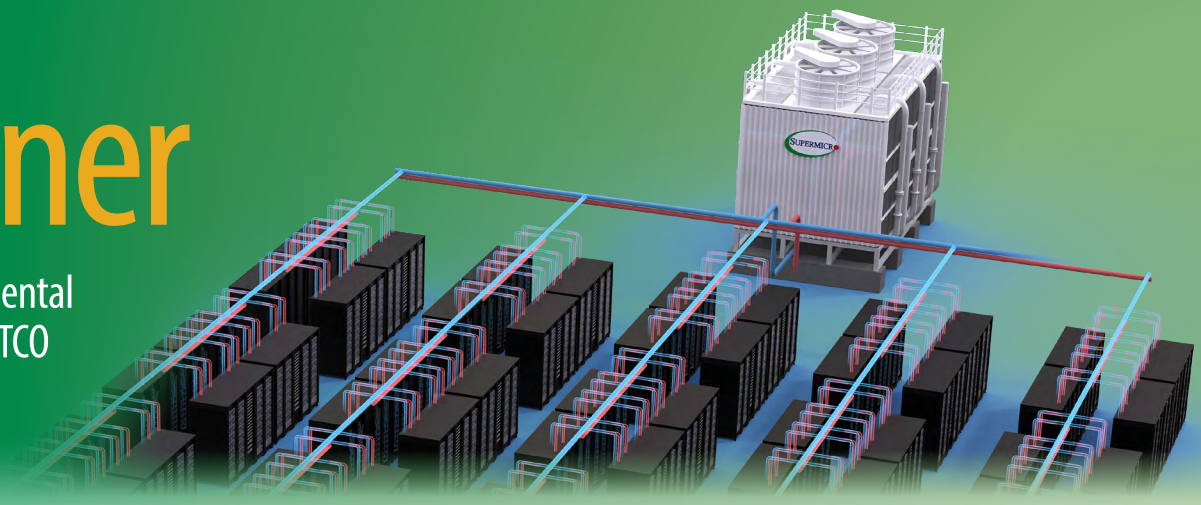
## Better Performance Per Watt and Per Dollar

# Faster

## First-to-Market Innovation with the Highest Performance Server Designs


# Greener

## Reduced Environmental Impact and Lower TCO





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