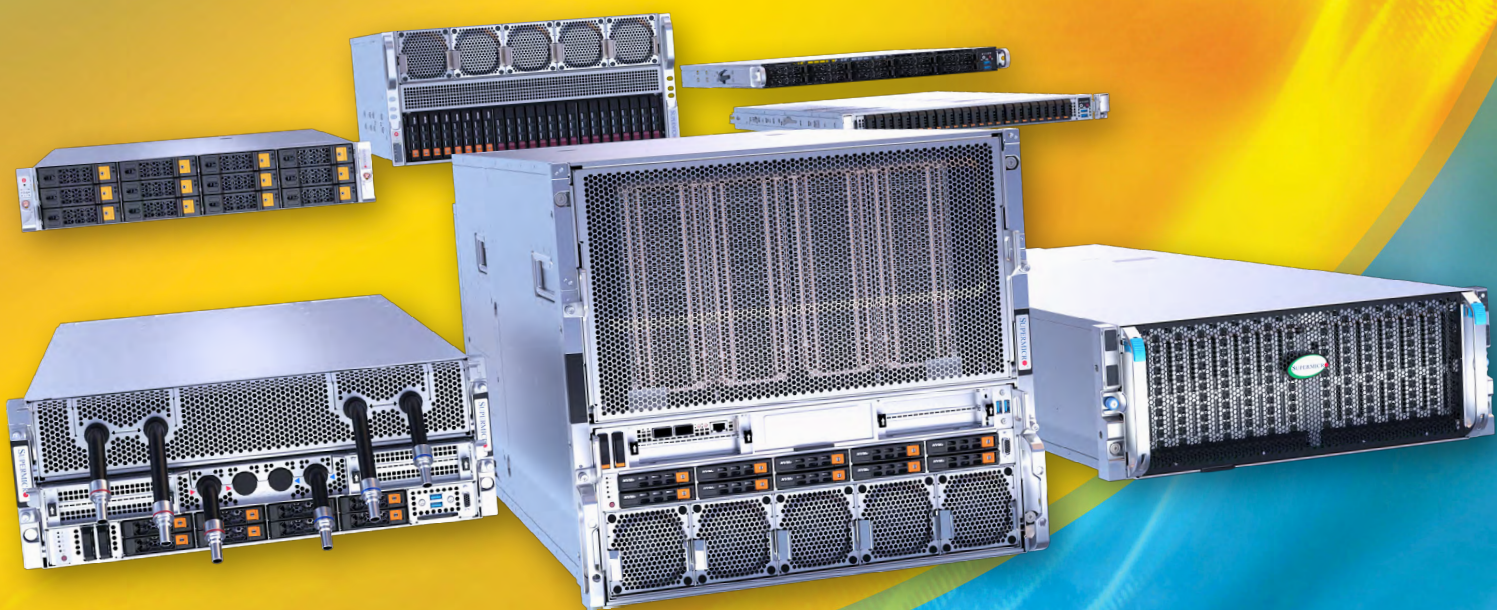




Best-Selling Server Platforms, Pre-Configured with Key Components for Reduced Lead Times



For Enterprise AI, Compute, Storage, and Edge

September 2025

Why Supermicro Gold Series?

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 with key components, meaning no need to wait for parts and assembly. Gold Series systems are ready to deploy from Supermicro's warehouses, significantly shortening lead times. Select models are even available to ship 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

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Benefits & Advantages:

- Single and dual processor configurations
- Compact 1U form factor maximizes 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

Configurations:



Virtualization & Cloud Services

Model

CPU
Memory
Storage
Networking
Power Supplies

AS -1115HS-TNR-G1

Single AMD EPYC™ 9454P
384 GB DDR5-5600
1x 960GB U.2 NVMe SSD
1x dual 10GbE RJ45
2x 1200W Titanium Level



Virtualization & Cloud Services

Model

CPU
Memory
Storage
Networking
Power Supplies

SYS-121H-TNR-02-G1

Dual Intel® Xeon® 6542Y
256GB DDR5-5600
1x 3.8TB U.2 NVMe SSD
1x dual 10GbE RJ45
2x 1200W Titanium Level



Virtualization & Cloud Services

AS -1125HS-TNR-G1

Dual AMD EPYC™ 9654
2.3TB DDR5-5600
1x 960GB U.2 NVMe SSD
1x dual 10GbE RJ45
2x 1200W Titanium Level

Cloud Data Center

All-in-one rackmount platforms for cloud data centers

Benefits & Advantages:

- Efficiency-optimized single-processor configurations
- Tool-less platform for ease of servicing and maintenance
- Pre-configured with M.2 storage for system OS, and flexible support for a range of drive options
- PCIe 5.0 I/O allows for high speed networking

Configurations:



Appliance/Cloud Storage

Model

CPU
Memory
Storage
Networking
Power Supplies

SYS-521C-NR-G1

Single Intel® Xeon® 4510
128GB DDR5-5600
2x 960GB M.2 NVMe SSD
1x dual 10GbE RJ45
2x 1200W Titanium Level



Database Management

Model

CPU
Memory
Storage
Networking
Power Supplies

SYS-111C-NR-G1

Single Intel® Xeon® 4510
128GB DDR5-5600
2x 960GB M.2 NVMe SSD
1x dual 10GbE RJ45
2x 860W Titanium Level



Database Management

AS-1115CS-TNR-G1

Single AMD EPYC™ 9454P
384GB DDR5-5600
2x 960GB M.2 NVMe
1x dual 10GbE RJ45
2x 860W Platinum Level



Database Management

Model

CPU
Memory
Storage
Networking
Power Supplies

SYS-621C-TN12R-02-G1

Dual Intel® Xeon® 4516Y+
1TB DDR5-5600
1x 240GB SATA
1x dual 1GbE RJ45
2x 1200W Titanium Level

General-Purpose Compute

Cost-effective, I/O-optimized systems for enterprise applications

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Benefits & Advantages:

- Single processor architecture to balance performance and efficiency
- Flexible expansion bay can accommodate a range of single and double-width cards



Configurations:



General Compute/Web Hosting

Model

CPU
Memory
Storage
Networking
Power Supplies

SYS-511E-WR-G1

Single Intel® Xeon® 4510
64GB DDR5-5600
1x 960GB M.2 NVMe SSD
Onboard dual 1GbE RJ45
2x 860W Titanium Level

Large-Scale AI

GPU-optimized servers for generative AI, LLMs, and AI training

Benefits & Advantages:

- High performance NVIDIA or AMD 8-GPU modules provide maximum acceleration for AI
- Up to 1:1 GPU:NIC ratio with 400G networking to create large GPU clusters
- Modular design with separate CPU and GPU trays for simplified deployment and servicing
- Thermally-optimized chassis with air or liquid cooling options

Configurations:



Large-Scale Enterprise AI Inference & Training

Model

CPU
GPU
Memory
Storage
Networking
Power Supplies

SYS-821GE-TNHR-G1

Dual Intel® Xeon® Platinum 8570
NVIDIA HGX™ H200 8-GPU
2TB DDR5-5600
2x 960GB M.2 NVMe SSD
8x Single 400G NDR/ETH OSFP
1x Dual 200G NDR200/ETH QSFP112
6x 3000W Titanium Level



Large-Scale Enterprise AI Inference & Training

Model

CPU
GPU
Memory
Storage
Networking
Power Supplies

AS-8125GS-TNMR2-G1

Dual AMD EPYC™ 9654
AMD Instinct™ MI300X 8-GPU
2.3TB DDR5-5600
1x 1.9TB U.2 NVMe SSD
4x single 400GbE QSFP112
1x dual 10GbE RJ45
6x 3000W Titanium Level

Large-Scale AI

GPU-optimized servers for generative AI, LLMs, and AI training

SUPERMICRO
GOLD
SERIES

Configurations:



Large-Scale Enterprise AI Inference & Training



Large-Scale Enterprise AI Inference & Training

Model	SYS-A22GA-NBRT-G1
CPU	Dual Intel® Xeon® 6960P
GPU	NVIDIA HGX™ B200 8-GPU
Memory	2.3TB DDR5-6400
Storage	2x 1.92TB M.2 NVMe + 4x 1.9TB U.2 NVMe
Networking	8x Single 400G NDR/ETH OSFP 1x NVIDIA BlueField®-3 DPU 200Gb/s
Power Supplies	6x 5250W Titanium Level

Model	SYS-A21GE-NBRT-G1
CPU	Dual Intel® Xeon® 8570
GPU	NVIDIA HGX™ B200 8-GPU
Memory	3TB DDR5-6400
Storage	2x 1.9TB M.2 NVMe + 8x 3.8TB U.3 NVMe
Networking	8x Single 400G NDR/ETH OSFP 1x NVIDIA BlueField®-3 DPU 200Gb/s
Power Supplies	6x 5250W Titanium Level



Large-Scale Enterprise AI Inference & Training



Large-Scale Enterprise AI Inference & Training

Model	AS-A126GS-TNBR-G1
CPU	Dual AMD EPYC™ 9575F
GPU	NVIDIA HGX™ B200 8-GPU
Memory	3TB DDR5-5600
Storage	8x 3.8TB U.2 NVMe + 2x 1.92TB M.2 NVMe
Networking	8x Single 400G NDR/ETH OSFP 1x NVIDIA BlueField®-3 DPU 200Gb/s
Power Supplies	6x 5250W Titanium Level

Model	AS-4126GS-NBR-LCC-G1
CPU	Dual AMD EPYC™ 9575F
GPU	NVIDIA HGX™ B200 8-GPU
Memory	3TB DDR5-5600
Storage	8x 3.8TB U.2 NVMe + 2x 1.92TB M.2 NVMe
Networking	8x Single 400G NDR/ETH OSFP 1x NVIDIA BlueField®-3 DPU 200Gb/s
Power Supplies	4x 6600W Titanium Level

Inferencing & Training

Power and flexibility for content creation and AI-enabled office applications

Benefits & Advantages

- Up to 13 PCIe 5.0 slots for flexible GPUs, I/O and networking options
- Highly flexible architecture for balanced acceleration, I/O, and storage configurations
- Thermally optimized chassis design to support maximum performance with air cooling

Configurations:



Medium Enterprise AI Inference & Training

AS-4125GS-TNRT-G1

Model

CPU	Dual AMD EPYC™ 9124
GPU	2x NVIDIA L40S PCIe
Memory	1.5TB DDR5-5600
Storage	1x 1.9TB U.2 NVMe SSD
Networking	Onboard dual 10GbE RJ45
Power Supplies	4x 2000W Titanium Level



Medium Enterprise AI Inference & Training

SYS-421GE-TNRT-02-G1

Model

CPU	Dual Intel® Xeon® 8562Y+
GPU	8x NVIDIA L40S PCIe
Memory	1TB DDR5-5600
Storage	2x 1.9TB U.2 NVMe + 1x 960GB M.2 NVMe
Networking	3x CX6 CDAT dual 100GbE QSFP56 2x Onboard 10GbE RJ45 1x Onboard Dedicated BMC RJ45
Power Supplies	4x 2700W Titanium Level



Medium Enterprise AI Inference & Training

AS-8126GS-TNMR-G1

Model

CPU	Dual AMD EPYC™ 9575F
GPU	AMD Instinct™ MI325X 8-GPU
Memory	2.3TB DDR5-6400
Storage	4x 3.8TB U.2 NVMe + 1x 960GB U.2 NVMe
Networking	8x single 400GbE QSFP112 1x dual 10GbE RJ45
Power Supplies	6x 5250W Titanium Level



Medium Enterprise AI Inference & Training

AS-4126GS-NMR-LCC-G1

CPU	Dual AMD EPYC™ 9575F
GPU	AMD Instinct™ MI325X 8-GPU
Memory	2.3TB DDR5-6400
Storage	1x 480GB M.2 NVMe
Networking	8x single 400GbE QSFP112 1x dual 10GbE RJ45
Power Supplies	4x 6600W Titanium Level

All-Flash Storage

High throughput and density storage for data-intensive applications

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Benefits & Advantages:

- Unprecedented density design to support up to 1.92PB in 2U with Gen5 NVMe drives
- Direct-attached EDSFF E1.S and E3.S media for the best thermal and I/O performance
- Symmetrical architectures reduce latency by minimizing data paths

Configurations:



Software Defined Storage

Model	SYS-221H-TN24R-G1
CPU	Dual Intel® Xeon® 6548Y+
Memory	256GB DDR5-5600
Storage	4x 3.8TB U.2 NVMe + 2x 960GB M.2 NVMe
Networking	1x dual 25GbE SFP28
Power Supplies	2x 1600W Titanium Level



AI, VDI, CDN, Object & Cloud Computing

Model	SSG-121E-NES24R-G1
CPU	Dual Intel® Xeon® 6548Y+
Memory	256GB DDR5-5600
Storage	1x 3.8TB E1.S NVMe SSD
Networking	1x quad 25GbE SFP28
Power Supplies	2x 2000W Titanium Level



Software Defined Storage

Model	ASG-1115S-NE316R-02-G1
CPU	Single AMD EPYC™ 9454P
Memory	384GB DDR5-5600
Storage	2x 960GB M.2 NVMe
Networking	1x dual 10GbE RJ45
Power Supplies	2x 1600W Titanium Level



Simply Double Storage

Large-scale storage building blocks in a standard rackmount form factor

Benefits & Advantages:

- Unique dual-loading design improves density without impacting serviceability
- Direct access to 24 drives without removing chassis cover
- Pre-configured with RAID storage controller

Configurations:



Big Data/Hadoop

Model	SSG-521E-E1CR24H-G1
CPU	Single Intel® Xeon® 4510
Memory	256GB DDR5-5600
Storage	2x 20TB 3.5" SATA
Networking	1x dual 10GbE RJ45
Power Supplies	2x 1600W Titanium Level
Storage Controller	SAS Controller - HW RAID via Broadcom® 3908



Big Data/Hadoop

Model	ASG-2015S-E1CR24H-G1
CPU	Single AMD EPYC™ 9124
Memory	256GB DDR5-5600
Storage	2x 20TB 3.5" SATA
Networking	1x dual 10GbE RJ45
Power Supplies	2x 1600W Titanium Level
Storage Controller	SAS Controller - HW RAID via Broadcom® 3908

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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