



PRE-CONFIGURED BY ARC COMPUTE

Supermicro's NVIDIA RTX PRO 6000 System

SuperServer SYS-522GA-NRT / GPU A+ Server AS -5126GS-TNRT

OVERVIEW

The Supermicro SYS-522GA-NRT / AS -5126GS-TNRT are 5U GPU servers optimized for AI, HPC, and graphics-intensive workloads. Supporting up to 8x NVIDIA RTX Pro 6000 Blackwell Server Edition GPUs and dual Intel Xeon or AMD EPYC CPUs, it delivers high compute density, PCIe Gen5 bandwidth, and memory capacity up to 6TB. With robust I/O and dual-root architecture, it's built for scalable, high-performance deployments.

SYSTEM SPECIFICATION

Form Factor

- SYS-522GA-NRT / AS -5126GS-TNRT 5U Rackmount
 - Measurements: H 8.75" x W 17.2" x D 29"
 - Gross Weight: 100 lbs (45.3 kg)

GPU

- 8x onboard GPUs: NVIDIA RTX PRO 6000 Blackwell Server Edition
 - CPU-GPU Interconnect: PCIe 5.0 x16 Switch Dual-Root
 - GPU-GPU Interconnect: NVIDIA NVLink Bridge (optional)

Processors

- 2x Intel Xeon 6900 series processors with P-cores
 - Up to 128C/256T; Up to 504MB Cache per CPU
- 2x AMD EPYC 9005/9004 Series Processors
 - Up to 192C/384T

System Memory

- 32x MEM-DR564MC-ER48 64GB DDR5-4800 2RX4 (16Gb) RDIMM

Storage

- Slot Count: 24 DIMM slots
 - Standard 8x SSD 2.5" NVMe PCIe4 3.8TB 1DWPD TLC D, 15mm

Warranty

- 3-Year Labour, 3-Year Parts, 1-Year Advanced Cross-Ship Under Limited Warranty
 - 3-Year On-Site NBD Service (available at additional cost)



PRIMARY USE CASES

- High Performance Computing
- AI/DL Training & Inference
- Virtual Desktop Infrastructure
- Media/Video Streaming
- Cloud Gaming
- Animation & Modeling
- Design & Visualization
- 3D Rendering
- Diagnostic Imaging

WORK WITH US

Expert Guidance: Our team specializes in AI, HPC, and data analytics and can tailor solutions to your exact needs.

Turnkey Deployment: We work with OEMs to streamline installation, configuration, and workload migration.

Superior Support: Global reach and top-tier customer service keep your systems running at peak performance.