



PRE-CONFIGURED BY ARC COMPUTE

Supermicro's HGX B200 GPU Server

SYS-A22GA-NBRT

OVERVIEW

The Supermicro SYS-A22GA-NBRT is a 10U GPU server built for AI, deep learning, scientific research, and HPC. Supporting up to 8x NVIDIA HGX B200 GPUs (180GB) with NVLink and NVSwitch interconnect, it delivers massive performance and scalability for training and inference workloads. Powered by dual Intel® Xeon® 6900 processors with up to 128 cores and 24 DDR5 DIMM slots, the system combines high compute density with flexible expansion and storage options.

SYSTEM SPECIFICATIONS

Form Factor

- 10U rackmount
- Enclosure: 449 × 438.8 × 843.28 mm
- Package: 1255 × 640 × 694 mm

GPU

- Up to 8x NVIDIA HGX B200 GPUs (180GB)
- CPU-GPU: PCIe 5.0 ×16
- GPU-GPU: NVLink® + NVSwitch™

Processors

- Dual Socket BR (LGA-7529)
- Intel® Xeon® 6900 series with P-cores
- Up to 128C/256T, 504MB cache per CPU

System Memory

- 24 DDR5 DIMM slots
- Up to 6TB DDR5 ECC RDIMM (6400 MT/s)
- Up to 6TB DDR5 ECC MRDIMM (8800 MT/s)

Storage

- 10 front hot-swap 2.5" PCIe 5.0 NVMe drive bays
- 2x M.2 PCIe 4.0 NVMe slots (M-key, 2280/22110/25110)

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

- AI / Deep Learning
- Scientific Research
- Conversational AI
- Drug Discovery
- High Performance Computing

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.

