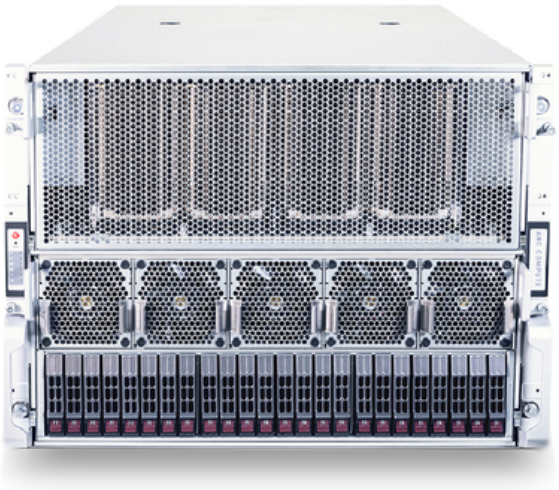
PRE-CONFIGURED BY ARC COMPUTE

Supermicro's NVIDIA HGX H200 System

GPU SuperServer SYS-821GE-TNHR

OVERVIEW

Supermicro's NVIDIA HGX H200 8U systems bring next-generation performance for high-end AI, HPC, data analytics, and large-scale deep learning. Built on the proven NVIDIA HGX GPU architecture and powered by 8× NVIDIA H200 SXM GPUs, these servers deliver extraordinary compute density, scalable NVLink bandwidth, and robust CPU performance from 2× Intel Xeon processors—all in an efficient 8U form factor.



SYSTEM SPECIFICATION

Form Factor

- SYS-821GE-TNHR 8U Rackmount
  - Measurements: 437 x 355.6 x 843.28mm (17.2" x 14" x 33.2")
  - Gross Weight: 225 lbs (102.1 kg)

GPU

- 8x onboard GPUs: H200 SXM (141GB)
  - CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect
  - GPU-GPU Interconnect: NVIDIA® NVLink® with NVSwitch™

Processors

- 2x 5th Gen Intel® Xeon® Platinum 8558P Processors
  - 48 Cores, 97 Threads, 260M Cache, 2.70 GHz, 350 W

System Memory

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

Storage

- 8x SSD 2.5" NVMe PCIe4 3.8TB 1DWPD TLC D, 15mm
- 1x SSD M.2 NVMe PCIe4 960GB 1DWPD TLC D, 80mm

Networking

- 8x NVIDIA ConnectX-7 400G NIC IB/ETH
- 1x NVIDIA ConnectX-6 100GbE NIC

Warranty

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

PRIMARY USE CASES

- High Performance Computing
- AI/Deep Learning Training
- Industrial Automation
- Business Intelligence & Analytics
- Drug Discovery
- Climate and Weather Modeling
- Finance & Economics
- Healthcare

REQUEST QUOTE

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.

ARC COMPUTE