

Need a server ASAP? Discover our Gold Series (Quick Ship) solutions, with most systems shipping within 24 hours.

[Shop Now](#)

Supermicro 10U B200 Gold Series GPU Server (SYS-A22GA-NBRT-G1)

- **Key Features/Applications:** AI / Deep Learning, Conversational AI, High Performance Computing (HPC), Scientific Research, Drug Discovery
- **CPU:** Dual Intel® Xeon® 6960P Processors (72-Cores)
- **Chassis:** 10U / 1 Node
- **Drive:** 2 1.9TB M.2 NVMe + 4 1.9TB U.2 NVMe
- **RAM:** 24 96GB DDR5-6400 RDIMM Memory
- **GPU:** 8 NVIDIA HGX B200
- **Network Ports:** 8 400GbE OSFP + 1 200GbE DPU + 2 10GbE RJ45 LAN Ports
- **Ships Within 24 Hours (After Approval) - Buy 5 or More and Save 5% at Checkout**

IN STOCK



*Actual product may vary slightly from photo shown



Your System

Gold Series

\$412,589.11

This site uses cookies. By continuing to browse the site you are agreeing to our use of cookies. Review our cookies information [here](#) for more details. ✕

Add to Cart

Summary

CPU:

2 x Intel® Xeon® 6960P Processor 72-Core 2.70GHz 432MB Cache (500W)

Memory:

24 x 96GB DDR5 6400MHz ECC RDIMM Server Memory

Storage-1:

2 x 1.9TB M.2 PM9A3 NVMe Solid State Drive (Gen 4)

Storage-2:

4 x 1.9TB 2.5" PM9A3 NVMe PCIe 4.0 Solid State Drive (1 x DWPD)

GPU:

1 x NVIDIA HGX GPU Baseboard 8 B200 180GB

AOC:

8 x Supermicro 400-Gigabit MCX75310AAS-NEAT (1 x OSFP) Ethernet Network Adapter

AOC-1:

1 x BlueField-3 BF3220 DPU 200GbE Dual Port Crypto Enable

Onboard Network:

1 x 2 RJ45 10Gbase-T Ports

Service Support :

1 x NVIDIA Enterprise Business Standard Support Service For Bluefield-3 (3-Years - Software Support Only)

Supermicro 10U B200 Gold Series GPU Server (SYS-A22GA-NBRT-G1)

CPU *

Intel® Xeon® 6960P Processor 72-Core 2.70GHz 432MB Cache (500W)

Quantity**Memory ***

96GB DDR5 6400MHz ECC RDIMM Server Memory

Quantity**Storage-1 ***

1.9TB M.2 PM9A3 NVMe Solid State Drive (Gen 4)

Quantity**Storage-2 ***

1.9TB 2.5" PM9A3 NVMe PCIe 4.0 Solid State Drive (1 x DWPD)

This site uses cookies. By continuing to browse the site you are agreeing to our use of cookies. Review our cookies information [here](#) for more details.

GPU *

NVIDIA HGX GPU Baseboard 8 B200 180GB

Quantity

AOC *

Supermicro 400-Gigabit MCX75310AAS-NEAT (1 x OSFP) Ethernet Network Adapter

Quantity

AOC-1 *

BlueField-3 BF3220 DPU 200GbE Dual Port Crypto Enable

Quantity

Onboard Network *

2 RJ45 10Gbase-T Ports

Quantity

Service Support *

NVIDIA Enterprise Business Standard Support Service For Bluefield-3 (3-Years - Software Support Only)

Quantity

* Required Fields

Description

Engineered for cutting-edge applications, this 10U single-node server delivers exceptional performance for AI/Deep Learning, Conversational AI, High Performance Computing (HPC), Scientific Research, and Drug Discovery. Driven by dual Intel® Xeon® 6960P processors boasting a combined 144 cores, and complemented by 24 high-capacity 96GB DDR5-6400 RDIMMs, this system handles complex computations with ease. Storage is optimized for speed with 2x 1.9TB M.2 NVMe drives and 4x 1.9TB U.2 NVMe drives. Accelerate your research and training with the formidable 8 NVIDIA HGX B200 SPUs. High-bandwidth connectivity is ensured through 8x 400GbE OSFP ports, a dual-port 200GbE DPU, and 2x 10GbE RJ45 LAN ports. Ready to deploy immediately, this powerful server ships within 24 hours, minimizing downtime and maximizing productivity.

Detailed Specification

Resources

This site uses cookies. By continuing to browse the site you are agreeing to our use of cookies. Review our [Cookie Policy](#) for more details.

Copyright ©2025 Super Micro Computer, Inc. All Rights Reserved

This site uses cookies. By continuing to browse the site you are agreeing to our use of cookies. Review our cookies information [here](#) for more details. 