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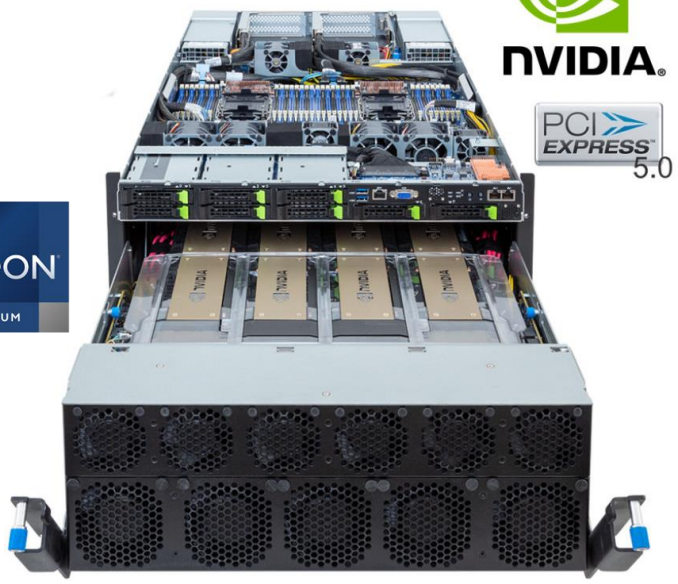
**“Accelerating Artificial Intelligence and Leading Efficiency”**

# GS3 | G593-SD1-AAX3

**Let Hyperscalers meet your bespoke requirements!**

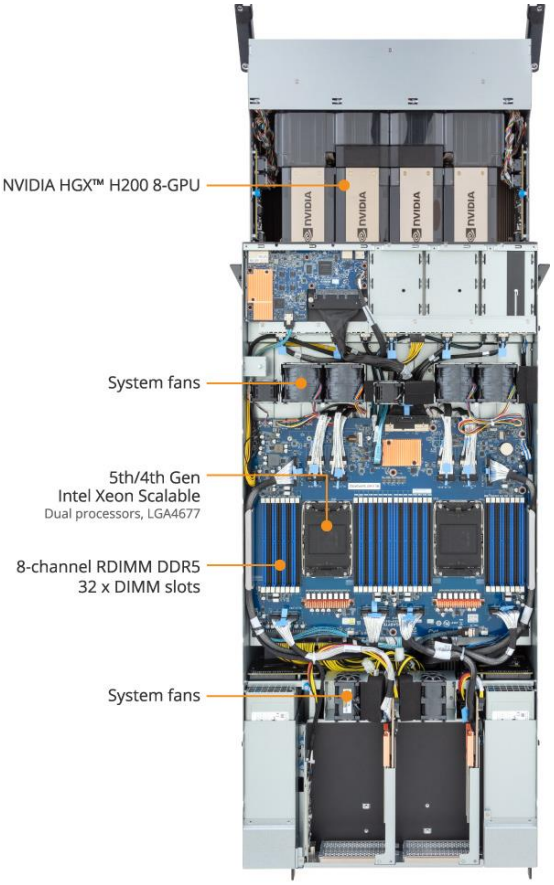
**Start customizing your GS3 | G593-SD1-AAX3 today!**

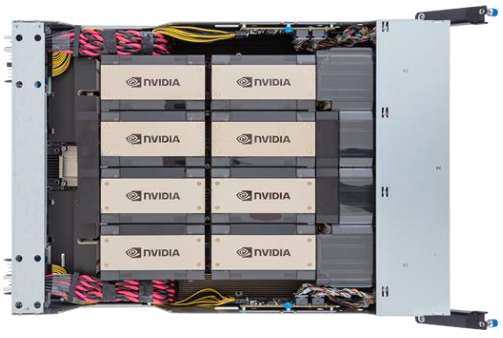


- NVIDIA HGX™ H200 8-GPU
- 900GB/s GPU-to-GPU bandwidth with NVIDIA® NVLink™ and NVSwitch™
- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture
- Compatible with NVIDIA BlueField®-3 DPUs/SuperNICs
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 8 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 4 x FHHL PCIe Gen5 x16 slots
- 8 x LP PCIe Gen5 x16 slots
- 4+2 3000W 80 PLUS Titanium redundant power supplies

## HPC/AI Server - 5th/4th Gen Intel® Xeon® Scalable - 5U DP NVIDIA HGX™ H200 8-GPU

The NVIDIA HGX™ H200 combines H200 Tensor Core GPUs with high-speed interconnects to deliver extraordinary performance, scalability, and security for every data center. Configurations of up to eight GPUs deliver unprecedented acceleration, with a staggering 32 petaFLOPS of performance to create the world’s most powerful accelerated scale-up server platform for AI and HPC. An eight-way HGX H200 provides over 32 petaflops of FP8 deep learning compute and 1.1TB of aggregate high-bandwidth memory. NVIDIA HGX™ H200 also includes NVIDIA BlueField®-3 data processing units (DPUs) to enable cloud networking, composable storage, zero-trust security, and GPU compute elasticity in hyperscale AI clouds.



## About Hyperscalers

- **World’s First Open OEM**
- **Free Of Proprietary Software Lock-Ins**
- **Free Of Proprietary Hardware Lock-Ins**

US Stock

Full US Warranty

100% Channel Distributor

Metro Delivery 1-4 Days

# GS3 | G593-SD1-AAX3 Specifications

| | |
|---|---|
| **Processor** | **CPU:**<br>5th Gen Intel® Xeon® Scalable Processors<br>4th Gen Intel® Xeon® Scalable Processors<br>Intel® Xeon® CPU Max Series<br>**Motherboard:** MSB3-G41<br>**Max. TDP Support:** 350W<br>**Number of Processors:** 2 Processors |
| **Form Factor** | 5U |
| **Dimensions** | **W x H x D (mm):** 447 x 219.7 x 945 |
| **Socket** | 2 x LGA 4677 Socket E |
| **Chipset** | Intel® C741 Series |
| **Storage** | **Front hot-swap:** 8 x 2.5" Gen5 NVMe/SATA (NVMe from PEX89104)<br>**Internal M.2:**<br>1 x M.2 (2280/22110), PCIe Gen3 x2, from PCH<br>1 x M.2 (2280/22110), PCIe Gen3 x1, from PCH<br>**SAS:** Require SAS add-in cards<br>**RAID:** Intel® SATA RAID 0/1/10/5 (Support optional RAID add-in cards) |
| **Memory** | **Total Slots:** 32 x DIMM slots<br>**Memory Type:** DDR5 memory supported (8-Channel memory per processor)<br>**Speed:**<br>5th Gen Xeon: RDIMM: Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC)<br>4th Gen Xeon: RDIMM: Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)<br>Xeon Max Series: RDIMM: Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC) |
| **Expansion Slot** | **Extension Board CPBG044 x 2:**<br>- 8 x LP x16 (Gen5 x16), from PEX89104<br>**Riser Card CPBGD20 x 2:**<br>- 4 x FHHL x16 (Gen5 x16), from PEX89048 |
| **Front I/O** | I/O board - CDCG120:<br>2 x USB 3.2 Gen1 ports (Type-A)<br>1 x VGA port<br>2 x RJ45 ports<br>1 x MLAN port (default)<br>1 x Power button with LED<br>1 x ID button with LED<br>1 x NMI button<br>1 x Reset button<br>1 x Storage activity LED<br>1 x System status LED |
| **LAN** | **Front (I/O board - CDCG120):**<br>2 x 10Gb/s LAN (1 x Intel® X710-AT2) - Support NCSI function<br>1 x 10/100/1000 Mbps Management LAN<br>**Rear (MLAN board - CDB66):**<br>1 x 10/100/1000 Mbps Management LAN |

| | |
|---|---|
| **GPU** | Modular GPU: NVIDIA HGX™ H200 with 8 x SXM GPUs |
| **Backplane Board** | Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s |
| **Power Supply** | 4+2 x 3000W 80 PLUS Titanium redundant power supplies<br>AC Input:<br>- 115-127V~/ 14.2A, 50-60Hz<br>- 200-220V~/ 15.8A, 50-60Hz<br>- 220-240V~/ 14.9A, 50-60Hz<br>DC Input: (Only for China)<br>- 240Vdc/ 14A<br>DC Output:<br>- Max 1450W/ 115-127V~ +54V/ 26.6A, +12Vsb/ 3A<br>- Max 2900W/ 200-220V~ +54V/ 53.4A, +12Vsb/ 3A<br>- Max 3002.4W/ 220-240V~ or 240V dc Input +54V/ 55.6A, +12Vsb/ 3A |
| **Onboard Storage** | (2) 2280 PCIe M.2 for Booting OS |
| **Fan** | **Motherboard:**<br>2 x 40x40x28mm (25,000rpm)<br>4 x 60x60x56mm (24,000rpm)<br>**PCIe slots:**<br>4 x 40x40x28mm (25,000rpm)<br>2 x 40x40x56mm (32,000rpm)<br>**GPU tray:**<br>6 x 60x60x76mm (21,700rpm)<br>11 x 80x80x80mm (17,000rpm) |
| **Video** | Integrated in ASPEED® AST2600 -<br>1 x VGA port |
| **System Management** | ASPEED® AST2600 Baseboard Management Controller |
| **Rear I/O** | MLAN board - CDB66: 1 x MLAN port |
| **Operating Environment** | Operating temperature: 10°C to 35°C<br>Operating humidity: 8%-80% (non-condensing)<br>Non-operating temperature: -40°C to 60°C<br>Non-operating humidity: 20%-95% (non-condensing) |
| **TPM** | Security Modules:<br>1 x TPM header with SPI interface<br>- Optional TPM2.0 kit: CTM010 |

Authorised Hyperscalers Partner

## About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alterative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

**Technology Partners**

Quanta Computer, QCT, AMD EPYC, Micron, Samsung, intel, Western Digital, NVIDIA, Seagate

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