" " **Breakthrough accelerated
performance for giant-scale
AI-HPC applications** " "

S7G | S74G- 2U

NVIDIA® Grace™ Hopper™

**Let Hyperscalers meet your bespoke
requirements.**

Start customizing your S7G today!

✓ Introducing the first gen NVIDIA®
MGX™ architecture with modular
infrastructure

✓ Powered by NVIDIA® Grace™
Hopper™ Superchip

✓ Coherent memory between CPU
and GPU with NVLink®- C2C
interconnect

✓ Optimized for memory intensive
inference and HPC performance

Breakthrough accelerated performance for giant-scale AI-HPC applications

Introducing the MGX architecture - an open and future compatible accelerated computing reference architecture designed to allow rapid adoption of key platform technologies including CPUs, GPUs and DPUs. The modular architecture consists of configurable bays that can house different modules to achieve desired configurations. This allows for future hardware solutions with multiple power distribution methods, cooling solutions, including hot or cold aisle configurations.
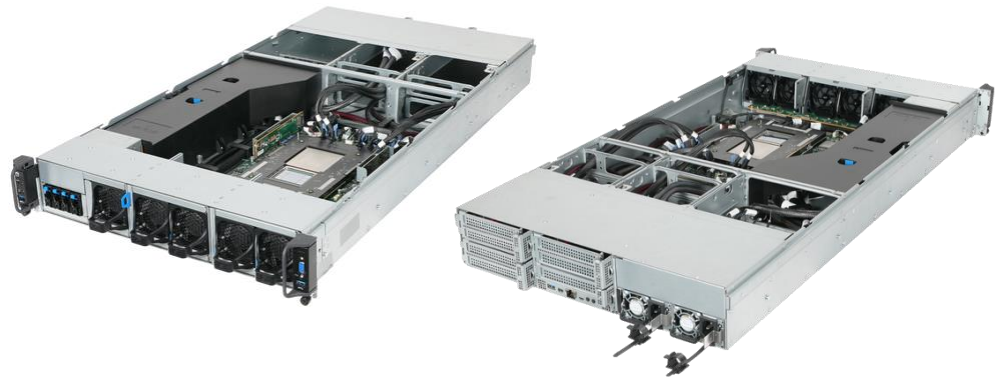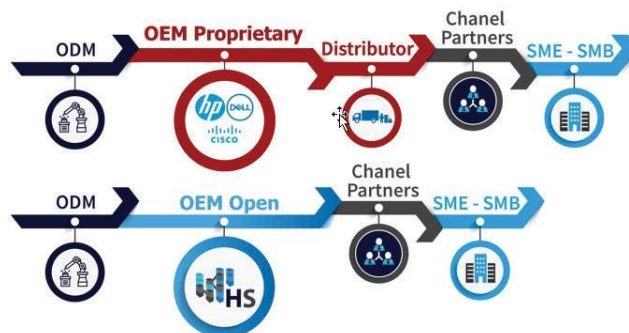

About Hyperscalers

World's First Open OEM

**Free Of Propritery
Software Lock-Ins**

**Free Of Propritery
Hardware Lock-Ins**
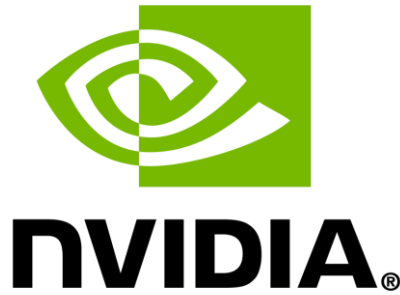
US Stock

Full US
Warranty

100%
Channel
Distributor

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1-4 Days

S7G | S74G-2U is the first server to introduce the NVIDIA® Grace™ Hopper™ Superchip in conjunction with NVIDIA® MGX™ architecture. The Superchip combines 72 Arm Neoverse cores connected by NVLink® chip to chip high bandwidth interconnect with the Hopper™ H100 GPU to deliver a coherent memory pool that excels at accelerating AI and high performance computing applications. The modular infrastructure is designed to support multiple system configurations and reduce time to market while providing a compatible platform for future CPU, GPU and DPU solutions.

S7G-2U Specifications

Processor	Processor Family: NVIDIA GH200 Grace™ Hopper™ Superchip Processor Type: NVIDIA Grace™ 72 Arm® Neoverse V2 cores Max. TDP Support: 1000W Number of Processors: (1) Processors Internal Interconnect: NVIDIA® NVLink®-C2C 900GB/
Form Factor	2U
Dimensions	W xH xD (inch):17.24" x 3.44" x 35.43" W xH xD (mm): 438 x 87.5 x 900mm
Chipset	Intel® C741
Storage	*Default Configuration:* (4) E1.S NVMe SSD
Memory	Capacity: Up to 480GB LPDDRX embedded 96GB HBM3 GPU memory
Expansion Slot	(3) PCIe 5.0 x16 FHFL Dual Width slots
Front I/O	Power/ID/Reset Buttons Power/ID/Status LEDs (2) USB 3.0 ports (1) VGA port
Storage Controller	Broadcom HBA 9500 Series Storage Adaptor Broadcom MegaRAID 9560 Series
Power Supply	1+1 High efficiency hot-plug 2000W PSU, 80 Plus Titanium

Onboard Storage	(2) 22110/2280 PCIe M.2
Fan	(5) 6056 dual rotor fans (N+1 redundant)
Rear I/O	(1) USB 3.0 (1) Mini display port (1) ID LED (1) PWR Button/PWR LED (1) COM Port (micro USB type-B) (1) RJ45 mgmt port
Operating Environment	Operating temperature: 5°C to 35°C (41°F to 95°F) Non-operating temperature: -40°C to 70°C Operating relative humidity: 20% to 85%RH Non-operating relative humidity: 10% to 95%RH
TPM	TPM 2.0 SPI module (optional)

Authorised
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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

intel XEON inside

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SAMSUNG

**Hyperscalers
Australia Head Quaters**

10 of 65 Tennant Street Fyshwick
ACT 2609 Australia
P +61 1300 113 112
E info@hyperscalers.com

Opearating out of USA, India, EU

www.hyperscalers.com