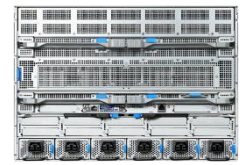


# S7PH | D74H-7U

Let Hyperscalers meet your bespoke requirements.



- ✓ 2x Top Bin Intel® Xeon® Sapphire Rapids processors
- ✓ 18x SFF All-NVMe drive bays for GPUDirect storage and boot drive
- ✓ 10x OCP NIC 3.0 TSFF for GPUDirect RDMA
- ✓ 8x Hopper H100 SXM5 GPU modules with HGX baseboard

## Advanced Performance for the Most Extreme AI-HPC Workloads

A powerhouse acceleration server purpose built to tackle the most complex AI and HPC workloads. Powered by the latest 4th Gen Intel® Xeon® Scalable processor family, 32 DDR5 DIMM slots, the D74H-7U features the NVIDIA® HGX H100 and supports nonblocking GPUDirect RDMA and GPUDirect Storage. This server is optimized to accelerate training for massive data sets, huge AI models such as natural language processing, large language models, and supercomputing applications.



The architecture is designed around a toolless modular philosophy. Major components can be removed from the system chassis without unmounting from the rack for better serviceability and increased system uptime. The modularity in this innovative design allows for forward support of next generation CPUs and GPUs.

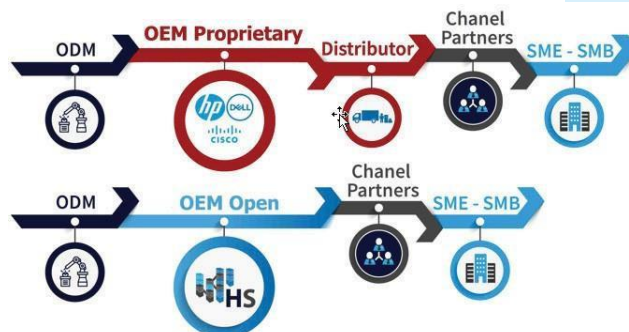
## Quick Deployment with Great Serviceability

- A Tool-less, hot-swap designs for drive trays and fan modules.
- Easy service with OCP3.0 pull-tab & ejector without opening chassis



## 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



# S7PH | D74H-7U Specifications

<b>Processor</b>	Processor Type: 4th Gen Intel® Xeon® Scalable Processors Max. TDP Support: 350W Number of Processors: 2 Processors Internal Interconnect: 16 GT/s L3 Cache: Up to 112.5MB
<b>Form Factor</b>	7U
<b>Dimensions</b>	W x H x D (inch): 17.63'x12.12'x34.88" W x H x D (mm): 447.8x307.85x886mm
<b>Chipset</b>	Intel® C741
<b>Storage</b>	Default Configuration: (18) 2.5" hot-plug NVMe SSD drives
<b>Memory</b>	Total Slots: 32 Capacity: Up to 8TB Memory Type: 4800 MHz DDR5 RDIMM
<b>Expansion Slot</b>	Default Configuration: (2) PCIe 5.0 x16 OCP 3.0 SFF slots (10) PCIe 5.0 x16 OCP 3.0 TSFF slots
<b>Network Controller</b>	LOM: Dedicated (1) GbE management port Optional NIC: Please refer to our Compatible Component List for more information
<b>Front I/O</b>	(1) Power button/LED (1) Reset button (1) ID button/LED (1) System status LED (2) USB 3.0 (1) VGA port
<b>Power Supply</b>	3+3 high efficiency redundant hot-plug 4000W 80 Plus Titanium PSUs

<b>Onboard Storage</b>	(2) 2280 M.2
<b>Fan</b>	(8) hot-swap 9276 dual rotor fans (N+1 redundant)
<b>Video</b>	Integrated AST2600 Maximum display resolution is up to 1920x1080p 32bpp@60Hz
<b>System Management</b>	Redfish v1.11 IPMI v2.0 Compliant, onboard "KVM over IP" support
<b>Rear I/O</b>	(1) Power button (1) ID button/LED (1) USB 3.0 port (1) Mini Display port (1) COM Port (micro USB type-B) (1) RJ45 dedicated mgmt port
<b>Operating Environment</b>	Operating temperature: 5°C to 35°C (41°F to 95°F) Non-operating temperature: -40°C to 70°C (-40°F to 158°F) Operating relative humidity: 20% to 85% RH Non-operating relative humidity: 10% to 95% RH
<b>TPM</b>	TPM 2.0 module (optional)
<b>Weight</b>	116.58kg (257.01lbs)



Authorised  
Hyperscalers  
Partner



## About Hyperscalers

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

Here 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



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