" Endless Flexibility for Diverse Applications "

intel **XEON** PLATINUM

PCI EXPRESS™ 5.0

S6U | D54U-3U

Let Hyperscalers meet your bespoke requirements!

Start customizing your S6U | D54U-3U today!

- ✓ 4th Gen Intel® Xeon® Scalable Processor up to TDP 350W
- ✓ Powered by NVIDIA® GPUs
- ✓ PCIe 5.0 & DDR5 platform ready
- ✓ Up to 4x DW accelerator or 8x SW accelerator
- ✓ Support active type and passive type accelerator
- ✓ Up to 10x PCIe 5.0 NVMe drive to speed up data-loading
- ✓ PCIe 5.0 400Gb Networking for Scale-out
- ✓ Enhanced serviceability with tool-less, hot-plug designs

About Hyperscalers
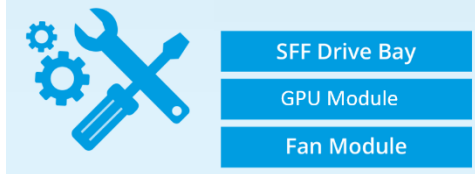
🏅 **World's First Open OEM**

🔒 **Free Of Proprietery Software Lock-Ins**

🔒 **Free Of Proprietery Hardware Lock-Ins**

🇺🇸 US Stock   🏅 Full US Warranty

⚙️ 100% Channel Distributor   🚚 Metro Dilivery 1-4 Days

Embracing limitless Flexibility: Unveiling the Endless Possibilities of GPU Server

- Dual top-bin Intel® Xeon® Sapphire Rapids CPU with 32 x DDR5 memory slots
- Up to 10 x SATA/SAS/NVMe 2.5" hot-plug SSD to speed up data-loading
- Up to 4 x Dual-width or 8 x Single-width accelerators with Nvlink bridge board (optional) supported for AI training/inference workloads
- Various GPU configuration support including active type and passive type GPU
- Future support up to 600W GPU
- Design reserved for the liquid cooling solution
- Tool-less GPU module design for easy service

Quick Deployment with Great Serviceability

SFF Drive Bay
GPU Module
Fan Module

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

Upgrade with Higher Computing Performance

289.00

- Secure and dynamic data administration of data center resources with Orqestra (QCT System Manager).
- Monitor up to 5000 devices per Orqestra module.

S6U | D54U-U Specifications

Processor	**Processor Type:** 4th gen Intel® Xeon® Scalable processor **Max. TDP Support:** 350W **Number of Processors:** 2 Processors **Internal Interconnect:** 16 GT/s **L3 Cache:** Up to 112.5MB
Form Factor	3U
Dimensions	**W x H x D (inch):** 17.2" x 5.2" x 29.9" **W x H x D (mm):** 438 x 131.6 x 760mm
Chipset	Intel® C741 Series
Storage	**Default Configuration:** Up to (10) 2.5" Hot-plug SATA/SAS/NVMe SSD
Memory	**Total Slots** 32 **Capacity** Up to 8TB (256Gx32) of memory capacity **Memory Type** 4800 MHz DDR5 RDIMM/LRDIMM **Memory Size** 16G, 32G, 64G, 128G, 256G RDIMM/LRDIMM/3DS DIMM
Expansion Slot	**Dual Width GPU Config** (4) PCIe 5.0 x16 FHFL slot (2) PCIe 5.0 x16 HHHL slot (1) PCIe 5.0 x16 OCP 3.0 TSFF/SFF slot (1) PCIe 5.0 x8 HHHL slot **Single Width GPU Config** (8) PCIe 5.0 x8 HHHL slot (2) PCIe 5.0 x16 HHHL slot (1) PCIe 5.0 x16 OCP 3.0 TSFF/SFF slot (1) PCIe 5.0 x8 HHHL slot
Network Controller	**LOM** Dedicated (1) GbE management port **Optional NIC** Please refer to our Compatible Component List for more information
Front I/O	(1) Power button/LED (1) ID button/LED (1) Status LED (1) Reset button (2) USB 3.0 (1) VG
Storage Controller	**Onboard**: Intel® C741 14x SATA3 6Gb/s ports **Optional Controller**: Please refer to our Compatible Component List for more information
Power Supply	2+2 High efficiency redundant hot-plug Titanium/Platinum 1600W AC PSU
Onboard Storage	(2) 2280 PCIe M.2 for Booting OS
Fan	(5) dual rotor fans (9+1 redundant)
Video	Integrated AST2600. Maximum display resolution is up to 1920x1080p 32bpp@60Hz.
System Management	Redfish v1.11 IPMI v2.0 Compliant, on board "KVM over IP" support Orqestra (QCT System Manager) (Optional)
Rear I/O	(1) USB 3.0, (1) Mini display port, (1) ID LED, (1) PFR/PWR LED, (1) PFR/PWR Button, (1)COM Port (micro-USB type-B), (1)RJ45
Operating Environment	Operating temperature: 5°C to 35°C 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

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

intel XEON inside

Western Digital

SAMSUNG

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