

S2P TC

Let Hyperscalers
meet your bespoke
requirements.

Start customizing your
S2P TC today.

- ✓ Single or Dual Server Node Design
- ✓ HDD/SSD Individually power off
- ✓ Lower Operating Costs
Screwless HDD/SSD
- ✓ Record Storage Capacity up to 2.34 PB IN 4U
- ✓ Flexible networking options up to 12x25G Ports

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



World's Densest 4U Multi Node Storage Server

Tailored to meet the growing storage capacity demand in hyperscale datacenters, the S2P TC as part of our Tier 1 Original range, allows operators ultimate customization capabilities to meet any bespoke demand from data analytics to archive storage. Equipping up to seventy-eight (78) hot-swappable and screw-less: 3.5" or 2.5" SSD / HDD drives and two (2) high-computing server nodes, each with two (2) sockets and two (2) fast SSD boot drives into an ultra-dense 4U chassis.

The S2P TC is a highly sophisticated, multi node storage server built to provide an unmatched dollar per-GB costs for cold, warm and even hot storage workloads. With the latest Intel® Xeon® E5-2600,v4 processors, flexible networking options of up to 12 x 25G ports and Hyperscale Datacenter Management tools, the S2P TC offers cloud planners the storage capacity and the manageability they need. Let HYPER SCALERS manufacture your bespoke designs. Start configuring your S2P TC TODAY!



78* HDD 6-12Gbs
14 TB RPM 7.2k

1092 TB of HDD

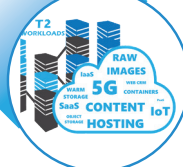


78* SSD 12Gbs
30.7 TB IOPS 450k
4k read

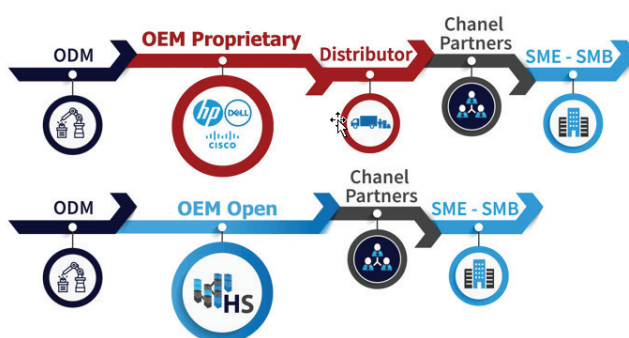
2395 TB of SSD



S2P Dual Node Rear




S2P Single Node Rear



S2P TC Specification

Form Factor	4U Rack Mount
Dimensions	W x H x D (inch) 17.6 x 6.9 x 35.9 W x H x D (mm) 447 x 175.3 x 912.2
Expansion Slot	(1)PCIe Gen3 x8 riser slot 1 HHHL (1)OCP PCIe Gen3 x8 LAN Mezz (1)PCIe Gen3 x8 riser slot 2 HHHL or SAS Mezz (1)PCIe Gen3 x16 riser slot 3 FHHL
Storage	SKU 1: 2 MBs with 70x 3.5"/2.5" hot plug, each MB manages 35 hard drives SKU 2: 1 MB with 78x 3.5"/2.5" hot plug
Front I/O	Power/ID/Reset Buttons, LEDs
Power Supply	Redundant 2+2 PSU (1,200W, 100V-240V, Platinum)
Fan	(4) 8056 + (1) 6056 dual-rotor Fans, support one rotor failed redundancy
System Management	IPMI v2.0 Compliant, onboard "KVM over IP," Quanta System Manager (QSM)/Quanta DataCenter Manager(QDCM) (optional)
Operating Environment	Operating temperature: 5°C to 35°C (41°F to 95°F) Non-operating temperature: -40°C to 65°C (-40°F to 149°F) Operating relative humidity: 50% to 85%RH. Non-operating relative humidity: 20% to 90%RH
Weight (Max. Configuration)	~130Kg(w/ 78xHDD)
Processor	Processor Type (2) Intel® Xeon® processor E5-2600 v3 product family, Max. TDP Support 135W Number of Processors - 2 Internal Interconnect 6.4 / 8.0/ 9.6 GT/s L3 Cache Up to 45MB
Chipset	Intel® C610

Memory	Memory Type 2133 MHz DDR4 RDIMM/ LRDIMM Total Slots - 16 Capacity Up to 512GB RDIMM Up to 1024GB LRDIMM Memory Size 2133 MHz DDR4 RDIMM/ LRDIMM
Storage Controller	Onboard Wellsburg PCH RSTe Optional Controller (more options refer to the CCL) Quanta LSI® 3008 12Gb/s SAS mezzanine, RAID 0,1,10 Quanta LSI® 3108 12Gb/s RAID mezzanine, RAID 0, 1, 5, 10; RAID 6 requires
Network Controller	LOM (2) GbE ports Intel I350 LOM (1)Dedicated management 10/100/1000 port Optional NIC (more options refer to the CCL) QCT Intel® I350 dual-port OCP mezzanine QCT Intel® X540 dual-port 10GbE BASE-T OCP mezzanine QCT Intel® 82599ES dual-port 10G SFP+ OCP mezzanine QCT Mellanox CX3PRO 10G SFP+ OCP mezzanine with RDMA support
Onboard Storage	(2) 2.5" hot-plug SSD (1) SATADOM
Video	ASPEED AST2400 8MB DDR3 video memory
Rear I/O	(2) USB 3.0 ports (1) VGA port (2) RS232 serial port (2) GbE RJ45 ports (1) GbE RJ45 management port
TPM	Yes (TPM 2.0/1.2, LPC)
Qualified Operating Systems	

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.

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



Hyperscalers Australia Head Quaters

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

Operating out of USA, India, EU
www.hyperscalers.com