HYPER SCALERS

Product Catalog

Server | Storage | Networking | Rack System | Solution

Quanta Computer
QCT
(intel)
SEAGATE
Micron
SAMSUNG
WD Western Digital
NVIDIA.

Authorised
Hyperscalers
Partner

Contents

About Hyperscalers

About Hyperscalers

1 — World's First Open OEM

Free Of Propritery Software Lock-Ins

Free Of Propritery Hardware Lock-Ins

US Stock | Full AUS Warranty

100% Channel Distributor | Metro Dilivery 1-4 Days

Hyperscalers is the world's first OEM offering the full IT spectrum under a new open x86 supply alternative to the traditional locked vendors.

The open alternative offers:

❑ Vanity-Free procurement alternative to the overly expensive re-branded hardware offered by lock in vendors;

❑ Free from hardware lock-ins. When the time comes to upgrade RAM HDD or SSD or replace faulty parts like CPU or NIC (for example) you don't want to find yourself locked-in to any vendor;

❑ Free from software and firmware lock-ins. Situations change all the time. Having the ability to re-purpose an appliance with alternate software / firmware eliminates the risk of sunk costs.
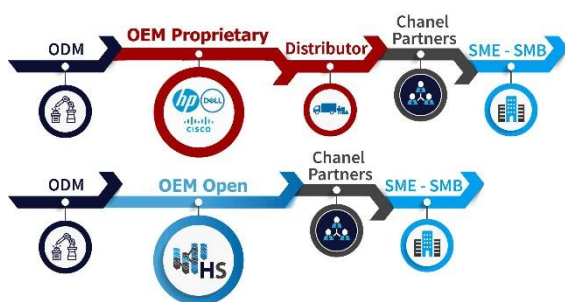
Headquarters/Locations

HS is headquartered in Canberra, Australia and currently has three offices in Papua New Guinea (PNG), Slovenia – European Union (EU) and Macedonia (MKD).

Leadership

George Cvetanovski is the founder and CEO of Hyperscalers.

BREAK FREE

OF SOFTWARE LOCK INS & HARDWARE LOCK INS

A new, efficient Channel to Market

What we do

Bare Metal & Ethernet Switches

1-10G | 25G | 100G | 400G

Hyperscale x86

In use by macro service providers

Tier 1 Original x86

In use or planned for use by Tier 1 OEM

Lab as a Service

Test-drive our appliances with LaaS

IP-Appliance Design Process

Hyperscale your services

Commodities

CPU | RAM | SSD | HDD | NVMe | NIC | GPU

End-User Devices

Notebooks | Touchpads | Gaming | Chromebooks

Services & Support

Onsite-Support | Design & Construct

Who are our customers

" Next-Gen Open OEM Solving Information Technology's Complexity "

Telco	OEM	SI	Cloud	Digital IP	MSP
TELSTRA	Hewlett Packard Enterprise	accenture	6YS CLOUD COMPUTING SPECIALISTS	redhat	genisys
Celestica	JetStor Storage. Solutions. Support.	StorageData COMPLETE IT & STORAGE SOLUTION PROVIDER	Spectrum NETWORKS	DYNAVISOR	forward IT
nbn	PATH	viadex	prophecy	avanade	cbit

PCIE GEN 5
INTEL
&
AMD EPYC GEN 4
SERVERS
&
WORKSTATIONS

S6X | D54X-1U

Ultimate Compute Performance and Modular Design

➢ Powered by 4th Gen Intel® Xeon® Scalable processors with up to 350W TDP
➢ PCIe 5.0 & DDR5 platform ready
➢ Offers 16x E1.S" NVMe flash or 12x 2.5" NVMe flash drives
➢ Up to 3x SW accelerators in a 1U chassis
➢ Supports up to 400GbE networking bandwidth in x16 PCIe 5.0 slots.
➢ Enhanced serviceability with tool-less, hot-swap designs
➢ NEBS compliant for Telco/5G data center deployments
➢ Liquid cooling supported
➢ Upgraded data protection with Intel SGX, Intel® Crypto Acceleration, and PFR (optional)
➢ Enhanced serviceability with tool-less, hot-swap designs

S6S | D54S-1U

➢ Powered by 4th Gen Intel® Xeon® Scalable processors with up to 350W TDP
➢ PCIe 0 & DDR5 platform ready
➢ Up to 12x high capacity LFF HDD bays and 4x SSDs for caching
➢ Ideal for SDS demands such as VMware vSAN, Hadoop, and Ceph
➢ Additional 2230 M.2 slot for boot drives
➢ Broadcom hardware RAID cards or pass-through HBA storage cards available for selection. Additional low profile PCIe slot can be used for extra NIC cards
➢ Enhanced serviceability with tool-less, hot-swap designs

H6S – 1U

1U1S Cloud Server, hybrid NVMe/SAS/SATA BP

➢ 1S AMD Genoa CPU
➢ 24 DIMM slots w/ DDR5 5200 memory support
➢ 12 NVMe U.2 hot swap, tool less drive bays
➢ PCIe 5.0 x16 OCP v3.0 LAN mezzanine slot
➢ 2 NVMe M.2 slots for boot drives

S6Q | D54Q-2U

➢ Powered by dual 4th Gen Intel Xeon Scalable Processors with up to 4x UPI of 16 GT/sec CPU interconnect speed
➢ Ultimate resilience and scalability with up to 10x PCIe 5.0 expansions
➢ Optimized for AI acceleration: Support up to 2x dual-width accelerators in 2U system
➢ Support All 24x NVMe U.2 or E1.S as hot-tier storage, targeting HPC and enterprise workloads

H6SH – 2U

2U1S Storage Server, hybrid NVMe/SAS/SATA BP

- 1S AMD Genoa CPU
- 24 DIMM slots w/ DDR5 4800 memory support
- 12 3.5" SATA w/ 4 opt. NVMe U.2 hot swap, tool less drive bays
- 2 2.5" NVMe U.2 hot swap, tool less drive bays @ rear
- 2 FH/HL PCIe 5.0 x16 + 1 FH/HL PCIe 5.0 x8 slots
- PCIe 5.0 x16 OCP v3.0 LAN mezzanine slot

H6S – 2U

2U1S Storage Server, NVMe BP

- 1S AMD Genoa CPU
- 24 DIMM slots w/ DDR5 4800 memory support
- 26 NVMe U.2 hot swap, tool less drive
- 1 FH/HL PCIe 5.0 x8 slot
- PCIe 5.0 x16 OCP v3.0 LAN mezzanine slot
- 2 NVMe M.2 22110 / 2280 slots (PCIe 4.0 x2)

S6P | S24P - 5U

- Powered by 4th Gen Intel® Xeon® Scalable processors with up to 350W TDP.
- PCIe 5.0 & DDR5 platform ready
- Available with either 1 or 2 server nodes
- Extremely high density with up to 84 HDDs
- 2x hot-swappable NVMe SSDs for caching
- SAS 4 bandwidth to release the bottle neck between the storage card and the expander
- Enhanced serviceability with tool-less, hot-swap designs

S6U | D54U - 3U

- Powered by 4th Gen Intel® Xeon® Scalable processors with up to 350W TDP.
- PCIe 5.0 & DDR5 platform ready
- Up to 4x DW accelerators or 8x SW accelerators
- Support active type and passive type accelerators
- Up to 10x PCIe Gen5 NVMe SSDs to speed up data-loading
- PCIe Gen5 400Gb Networking for Scale-out
- Enhanced serviceability with tool-less, hot-swap designs

S4I | EGX74I-1U

- 4th Gen Intel® Xeon Scalable Processor (Codename: Sapphire Rapids-SP, Sapphire Rapids-EE)
- Single Socket Processor, up to 512GB Memory
- Centralized / Distributed Radio Access Network (RAN)
- Multi-Access Edge Computing (MEC)
- Short Depth, Low Power Consumption, High Expandability
- NEBS GR63 Level 3 / GR3108 Class 2 Compliant
- ORAN/TIP Compliant

WORKSTATION WS1
4U1S HPC/GPGPU Pedestal Deskside HPC Server
- ➢ Single AMD SP5 socket
- Support EPYC 9004 series processors
- ➢ (8) DDR5 DIMM slots
- Support DDR5-4800 RDIMM / 3DS RDIMM up to 2,048GB
- ➢ PCIe expansion slots
- (2) FH/10.5"L/double wide + (2) FH/10.5"L/single wide PCIe 5.0 x16 slots, or
- (5) FH/10.5"L/single wide PCIe 5.0 x16 slots
- ➢ Storage
- (8) hot-swap, tool-less 3.5" SATA 6G drive bays
- (2) hot-swap, tool-less NVMe U.2 trays
- (2) NVMe M.2 22110/2280 slots
- ➢ Network
- (2) 10GBase-T + (2) 1000Base-T LAN + (1) 1000Base-T dedicate IPMI ports (B8050F65TV8E2H-2T-N)
- (2) 1000Base-T LAN + (1) 1000Base-T dedicate IPMI ports (B8050F65TV8E2H-N, B8050F65TV8E2H-G)
- ➢ AST2600 BMC with IPMI 2.0 & Redfish support
- ➢ (1) ATX PSU with below ratings,
- 2,000W (200-240VAC), 80-plus Gold
- 1,500W (115-200VAC), 80-plus Platinum
- 1,200W (100-115VAC), 80-plus Platinum

PCIE GEN 4 INTEL & AMD EPYC GEN 3 SERVERS

S5Z | T43Z-2U

PCIe Gen 4.0 and Intel's 3rd Generation Processor Family (Ice lake)

➤ 4 independent server nodes / sleds in 2RU
➤ 2 top Shelf Xeon® Scalable Processor Family*
➤ Up to 16x DIMMs, 1DPC per node
➤ Up to 3x PCI Expansion Slots per node**
➤ Total 16x Hot-swap U.2 Drives

S5N | D43N-3U

PCIe Gen 4.0 and Intel's 3rd Generation Processor Family (Ice lake)

➤ Flexible acceleration card configuration optimized for both compute and graphic intensive workloads
➤ Up to 128 CPU cores with 8TB memory capacity to feed high throughput accelerator cards
➤ Up to 2x HDR/200GbE networking to cluster computing
➤ Easy maintenance design for minimum downtime

S5X 2.5" | D53X-1U

PCIe Gen 4.0 and Intel's 3rd Generation Processor Family (Ice lake)

➤ 2 CPU Sockets for up to 80 cores using Intel® Xeon® Platinum 8380 Processor 40cores each
➤ 32 Memory slots for up to 8TB DIMM or Up to 12TB DIMM+PMEM (200 series)
➤ 12 Front Storage drive bays /2.5" hot-plug U.2 NVME SATA/SAS
➤ 5 PCIe 4.0 Expansion Slots for Network Interface Cards
➤ 3 accelerators (NVIDIA T4 GPU)

S5XQ 3.5" | D53XQ-2U

➤ 2 CPU Sockets for up to 80 cores using Intel® Xeon® Platinum 8380 Processor 40cores each
➤ 32 Memory slots for up to 8TB DIMM or Up to 12TB DIMM+PMEM (200 series)
➤ 12 Front Storage drive bays 3.5"/2.5" hot-plug SATA/SAS
➤ 2 Rear Storage drive bays 2.5" hot-plug NVMe/SATA/SAS drives (optional)
➤ 10 PCIe 4.0 Expansion Slots for Network Interface Cards
➤ 2 Dual width accelerators (GPU or FPGA)

S3IS | EGX63IS-1U

Carrier-Grade Multi-Access Edge Computing (MEC) Server

➢ 3rd Gen Intel® Xeon Scalable processor Ice Lake Single Socket empowered
➢ Front access design for centralized/distributed Radio Access Network (RAN)
➢ Distinguished, flexible I/O design supports up to three PCIe Gen4 expansion slots
➢ 400mm ultra-short depth for footprint minimization
➢ NEBS Level 3 and ORAN/OTII compliant
➢ Thermal enhancements for -5~55'C critical environment

S5X 3.5"| D53X-1U

PCIe Gen 4.0 and Intel's 3rd Generation Processor Family (Ice lake)

➢ 2 CPU Sockets for up to 80 cores using Intel® Xeon® Platinum 8380 Processor 40cores each
➢ 32 Memory slots for up to 8TB DIMM or Up to 12TB DIMM+PMEM (200 series)
➢ 4 Front Storage drive bays 3.5"/2.5" hot-plug SATA/SAS
➢ 4 7mm SAS SATA or U.2 NVMe (optional)
➢ 5 PCIe 4.0 Expansion Slots for Network Interface Cards
➢ 3 accelerators (NVIDIA T4 GPU)

S9CA | S43CA-2U

➢ Single socket EPYC processor with 16 DIMMS per node optimized for compute-centric Data Center requirements
➢ Front-access cold-aisle hyperscale serviceability Aggregated networking infrastructure for reduced TCO

S5K | D43K-1U AMD EPYC 3rd GEN MILAN

➢ NVIDIA NGC Ready Server
➢ Dual AMD EPYC processor with up to 4TB memory capacity
➢ Up to five expansion slots for PCIe 4.) ecosystem and AI influence workloads
➢ Enhanced serviceability with tool-less, hot swap designs

S5KQ | D43KQ-2U AMD EPYC

➢ D43KQ-2U Highly Scalable "EPYC" 2U Server Built for AI
➢ Scalable configurations built for AI
➢ Diversified IO options for diversified workloads
➢ Full featured design optimized for PCIe 4.0

S5XQ CSD CONFIGURATOR
Qualified Computational Storage Drives by ScaleFlux

➢ Up to 1,536TB of storage in 2RU (24 x CSD 16TB U.2 QLC 20.0 PB TBW with 4 x expansion)
➢ 2 CPU Sockets for up to 80 cores using Intel® Xeon® Platinum 8380 Processor 40cores each
➢ 32 Memory slots for up to 8TB DIMM or Up to 12TB DIMM+PMEM (200 series)
➢ 2 Rear Storage drive bays 2.5" hot-plug NVMe/SATA/SAS drives (optional)
➢ 10 PCIe 4.0 Expansion Slots for Network Interface Cards
➢ 2 Dual width accelerators (GPU or FPGA)

GPU
SERVERS

S7PH | D74H - 7U

- Powered by 4th Gen Intel® Xeon® Scalable processors with up to 350W TDP.
- PCIe 5.0 & DDR5 platform ready
- All-NVMe drive bays for GPUDirect Storage
- PCIe Gen5 OCP expansion slots for GPUDirect RDMA
- Accelerated parallel computing performance for the most extreme AI & HPC workloads
- Enhanced serviceability with tool-less, hot-swap designs

S7G | S74G - 2U

- 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

S5XQ 2.5" | D53XQ-2U

PCIe Gen 4.0 and Intel's 3rd Generation Processor Family (Ice lake)

- 3rd Gen Intel® Xeon Scalable processor Ice Lake Single Socket empowered
- Front access design for centralized/distributed Radio Access Network (RAN)
- Distinguished, flexible I/O design supports up to three PCIe Gen4 expansion slots
- 400mm ultra-short depth for footprint minimization
- NEBS Level 3 and ORAN/OTII compliant
- Thermal enhancements for -5~55'C critical environment

S5N | D43N-3U

Optimized Accelerated Server

- Flexible acceleration card configuration optimized for both compute and graphic intensive workloads
- Up to 128 CPU cores with 8TB memory capacity to feed high throughput accelerator cards
- Up to 2x HDR/200GbE networking to cluster computing
- Easy maintenance design for minimum downtime

JBODs

MESOS M4600H

Ultra-Dense 4U Disk Expansion Unit

- High Serviceability & Manageability
- Reliability & High Availability by Full Redundancy Design
- Cost-effectiveness by Shared Architecture
- Ultra Density and Flexibility

QUANTAVAULT JB4242

- Versatile Hybrid Disk Expansion Enclosure Hybrid Architecture For Tiered Storage Support IPMI Remote Management
- Cost-Effective Redundant System Tailored for SMB and Enterprise
- High Reliability, Serviceability, Availability

QUANTAVAULT JB4602

High Performance High Density 4U Disk Expansion Unit

- Four 12Gb SAS Host Interfaces
- High Reliability, Serviceability and Availability
- Full Redundancy with No Single-Point- of-Failure
- Cost-effectiveness Shared
- Architecture

NETWORKING

Ethernet Switches
Bare Metal Switch ONIE

BMS T4048-IX8A

- 48 x 25G SFP28 and 8 x 100G QSFP28
- x86 CPU Support
- ONIE Pre-loaded
- ArcOS® Ready

BMS T7128-IXT

- 128 x 100G QSFP28
- x86 CPU Board
- SONiC Ready

BMS T7040-IXAE

- 40 x 100G QSFP28 ports in 1RUONIE Pre-loaded
- x86 CPU Board
- BMC Built-in
- SONiC Ready

BMS T7080-IXA

- 80 x 100G QSFP28 ports in 2RU
- Networking Router for Carrier Networks and Service Providers
- 80 x 100G QSFP28
- ArcOS® Ready

T1048-LB9M

➢ Extensive Layer 2 Features
➢ Comprehensive Layer 3 Features
➢ Simplified Management
➢ Software Defined Network (SDN)
➢ High Availability

BMS T7032-IX7

➢ ONIE Pre-loaded x86 CPU Board
➢ BMC Built-in
➢ Cumulus Linux Ready
➢ ONL Ready

BMS T7064-IX4

➢ 64 x 100G QSFP28+ ports in 2RU
➢ ONIE Pre-loaded
➢ x86 CPU Board Support
➢ SDN Ready
➢ Cumulus Linux Ready

T5032-LY6

➢ 32 40G QSFP+ ports in 1RU
➢ x86 CPU Board Support
➢ MLAG, OSPF, BGP4, ECMP
➢ VXLAN/NVGRE
➢ OpenFlow Support
➢ OpEN API

T4048-IX8D

➢ 48 x 25G SFP28+ ports & 8 x 100G QSFP28+ ports in 1RU
➢ 25G & 100G Ethernet Switch
➢ VXLAN
➢ Multi-Chassis Link Aggregation (MLAG)
➢ OSPF, BGP4 with ECMP
➢ Network Automation

BMS T3048-LY7

➢ 48 x 10G SFP+ ports & 4 x 100G QSFP28+ ports
➢ ONIE Pre-loaded
➢ x86 CPU Board Support
➢ BMC Built-in
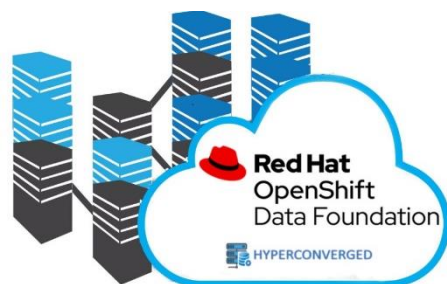➢ Cumulus Linux Ready
➢ ONL Ready

SOLUTIONS
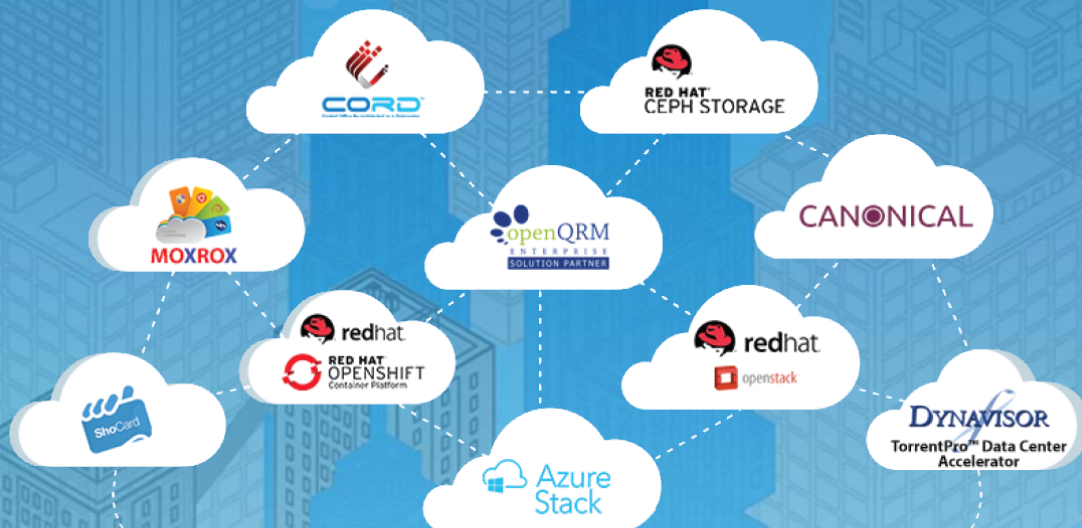
ELASTIC STACK
SIEM & Security analytics capabilities

- Establish a holistic view
- Analyse your environment at will
- Automate detection with high-fidelity rules
- Assess risk with Machine Learning and entity analytics
- Streamline investigation, automate response

HYPERCONVERGED RED HAT OPENSHIFT CONTAINER PLATFORM WITH DATA FOUNDATION

- Persistent Storage
- Virtual Machines orchestration IaaS
- Container orchestration (cloud native apps) PaaS
- Multi cluster management
- Advanced security and compliance

RIDGEBACK NETWORK DEFENSE

- Banking and financial services cybersecurity
- The Private Equity Life Cycle Management
- Managed Services and Managed Security Services
- Cyber security for public utilities
- Network Defense in the Manufacturing Sector
- Healthcare and cybersecurity

HYPERSCALERS RACKN APPLIANCE

- Infrastructure Automation and Orchestration (IAO)
- Bare Metal Provisioning (BMP)
- Infrastructure as a Service (IaaS)
- Infrastructure as Code (IaC)

HYPERFLOW SOFTWARE DEFINED COMPUTATIONAL STORAGE SOLUTION (SDCSS)

- High performance, highly available: Software Defined Computational Storage Solution SDCSS based on Ceph
- Block, Object, File, NAS storage ideal for VMs, containers and bare metal machines.
- 40GBps-80GBps cluster throughput with 691.2 TB total capacity in 3RU
- Scale 230TB and 9GBps in 1RU increments
- Cost saving multiples of 2.5 to 3.5 times per TB of NVMe class drives
- Full hardware and software support for 3 years

GLUSTER SCALE OUT STORAGE FOR CLOUD USING COMPUTATIONAL STORAGE DRIVES CSD

- Scale out storage for private and public clouds
- Expand storage capacity by up to 250%
- Boost read and write performance by up to 200%
- Halve the cost of storage

GLUSTER SCALE OUT STORAGE FOR CLOUD USING COMPUTATIONAL STORAGE DRIVES CSD

- Block storage for VMs using OpenStack or containers using Kubernetes
- Fast Databases
- Scaleout storage independent of compute
- NVMe of Protocol using PCIe Gen 4

HYPERSCALERS RUN:AI APPLIANCE

- Fully pre-integrated solution including hardware, software and support services
- Kubernetes-based software platform
- Fair-share scheduling to allow users to share clusters of GPUs easily and automatically
- Fractional GPU allocation for interactive/ training workloads
- Simplified workflows for building, training and deployment of AI models
- Visibility into workloads and resource utilization to improve user productivity
- Control for cluster admin and ops teams, to align priorities to business goals
- On-demand access to Multi-Instance GPU (MIG) instances for the A100 GPU
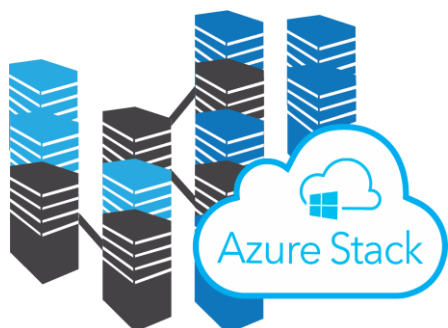
MICROSOFT AZURE STACK

- VM & Container Orchestration IaaS & PaaS
- Deploy + Operate: Private & Hybrid-Clouds MS-Azure-compatible
- Managed Service by Avanade
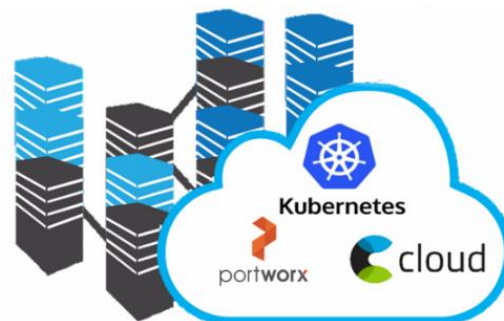
CSA - CONTAINER STORAGE ANALYTICS APPLIANCE

Service providers using the CSA appliance could deploy and scale in 2RU 4-node building blocks gaining the following capabilities out of the box:
- Container orchestration using Kubernetes;
- Storage Interface using Port Worx for running stateful applications tested at 950MB /s; and
- Analytics with Machine Learning using Elastic Search

DPX ENTERPRISE DATA PROTECTION AND MIGRATION APPLIANCE

Hyperscalers with Catalogic Software®

➢ Agentless Backup/restore/migration and data retention
➢ Agent based Backup/Restore and data retention
➢ BareMetal Recovery
➢ Network Attached Storage integration
➢ Cloud integration

LIGHTOS® HS APPLIANCE

➢ Disaggregated NVMe over TCP Block Storage
➢ 184TB | 2.5M IOPS (4k read) in 1RU
➢ Deploy at the edge
➢ Hyperscale NVMe cloud storage
➢ Scale 2.2PB NVMe clusters in 12RU
➢ Assures data availability
➢ Protects against data loss
➢ 3Y licencing cost included

CEPH PACIFIC ALL FLASH

➢ Highly available storage cluster 3-way replication
➢ Block Storage (Ideal for VMs and containers)
➢ Object storage with Swift and S3 API
➢ Fault tolerance (up to 2 failed disks without data loss)
➢ Self-healing and self-managing
➢ Complete: hardware, software, configuration, & support
➢ Block storage – 5028MB /s| 1,258K IOPS
➢ S3 Object storage – 5029MB/s | 12.409k objects/s

HYPERSCALERS OPENQRM CLOUD MANAGEMENT APPLIANCE

➢ Seamless IaaS - Orchestration platform
➢ Manage inhouse and 3rd party cloud infrastructure from a single interface
➢ Compatible with all major vendors including Microsoft, Redhat, MoxRox etc

EDGE/ FAR EDGE
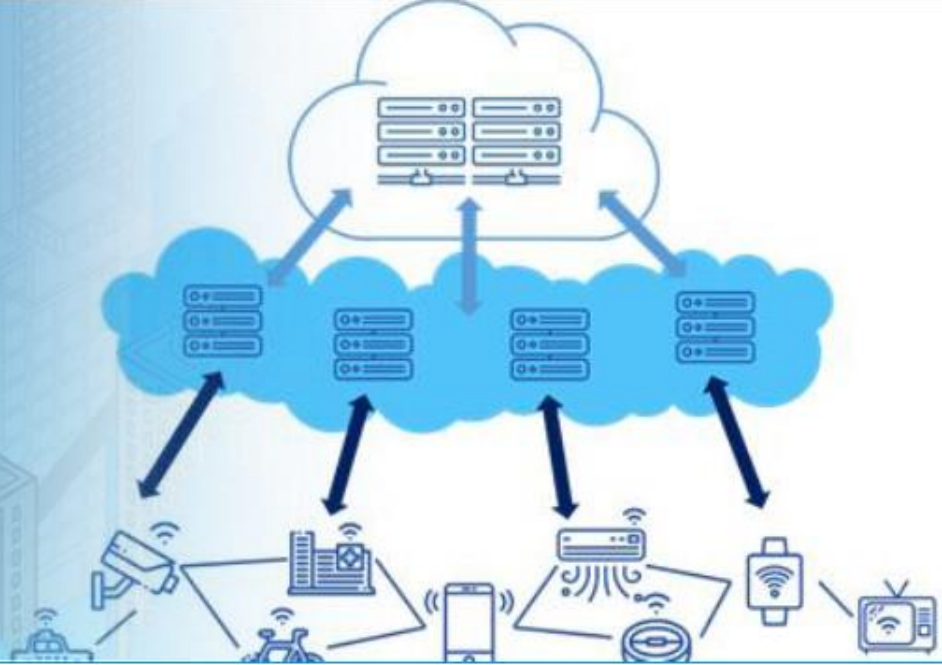
S3D

- ➤ SD-WAN uCPE
- ➤ LTE 5G
- ➤ WiFi
- ➤ VNF - router, firewall, WAN optmizer

S1K

Key Applications

- ➤ 5G Radio Access Network (RAN)
- ➤ Multi-Access Edge Computing (MEC)
- ➤ Edge AI Inferencing
- ➤ Vehicle to Everything (C-V2X/V2X)
- ➤ Virtualized Functions and Services

NEON-J

NEON-J Key Features

- ➤ Compact integration of nVidia Jetson TX2 and 2Mp 60fps color image sensor
- ➤ Easy installation supporting machine vision applications
- ➤ 256 core Pascal nVidia GPU supports Deep Learning Inference
- ➤ ARMv8 (64-bit) multi-processor CPU complex for
- ➤ heterogeneous multi-processing
- ➤ Global shutter image sensor
- ➤ 1x Ethernet port, 1x USB and 1x RS-232
- ➤ 4x digital input, 4x digital output, 1x trigger input.

OCP HYPERSCALE

Rackgo M
Rackgo X
Rackgo X-RSD

RACKGO X LEOPARD CAVE

Powerful 2U3N Open Rack v2 Compute Server

- New Generation Platform with Enhanced Performance
- Air Cooling Thermal Design for Existing
- Infrastructure
- Uniform Scale-out Building Block
- High Reliability, Serviceability and Availability
- Open Rack v2 Compatible

RACKGO X300

Rackgo X, An Innovative Rack Solution Inspired by OCP

- 32x Teraflops Single Rack
- 64x Independent Compute Nodes
- High Density, 25Kwatt Rack Total Capacity X300
- CPU Cores – 1,280 (Intel E5 v4)
- HDD (TB) – 0 (InRAM Storage)
- RAM (GB) – 32,768 (Samsung or Micron 2133Mhz)
- SSD (GB) – 7,680 GB (Intel Data Center Grade)
- BBU (minutes) – 12 (Panasonic Lithium Ion)

RACKGO X500

Rackgo X500, An Innovative Rack Solution Inspired by OCP

- Total Capacity X500
- CPU Cores – 280 (Intel E5 v4)
- HDD (TB) – 3,360 (HGST 12Gb\s)
- RAM (GB) – 7,168 (Samsung or
- Micron 2133Mhz)
- SSD (GB) – 1,680 GB (Intel Data Center Grade)
- BBU (minutes) – 12 (Panasonic Lithium Ion)
- Great for Open Stack and storage intensive applications

RACKGO X700

**An Innovative Rack Solution Inspired by OCP**

- Total Capacity X700
- CPU Cores – 480 (Intel E5 v4)
- HDD (TB) – 2,880 (HGST 12Gb\s)
- RAM (GB) – 1,228 (Samsung or Micron 2133Mhz)
- SSD (GB) – 2880 GB (Intel Data Center Grade)
- BBU (minutes) – 12 (Panasonic Lithium Ion)
- Ideal for Open Stack, Virtualised Environments and balanced workloads.

END USER DEVICES

27" HS i7 ALL-IN-ONE PC

- 27" LED lit display
- Intel Core i7 4 cores & 8 threads 3.4Gh-4.0GHz
- 8GB RAM
- 1TB SSD
- Camera/Keyboard/Mouse
- Windows 11 Pro
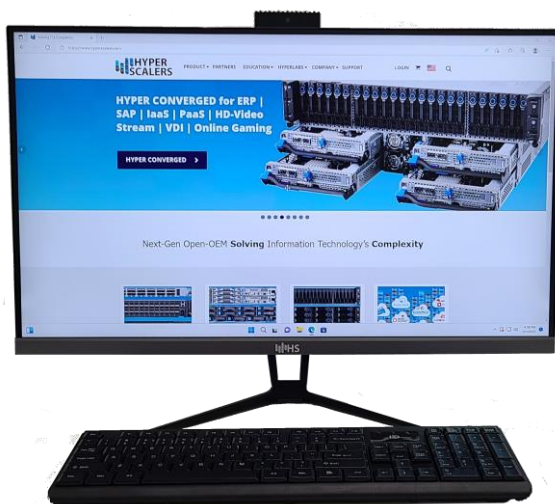
27" HS i5 ALL-IN-ONE PC

- 27" LED lit display
- Intel Core i5 4 cores 3.2Gh-3.6GHz
- 8GB RAM
- 512GB SSD
- Camera/Keyboard/Mouse
- Windows 11 Pro

NLC+ GAMING BOOK WINDOWS

- CPU-i7-8750H
- RTX 2080 MAX-Q + 6GB GDDR6 VRAM
- 15.6" FHD panel
- 1TB HDD
- 500GB NVMe SSD
- 16GB x2 RAM (32G)
- 3 cell polymer battery
- 180W adaptor
- HD webcam
- intel 9260 WLAN
- US keyboard

L19D CHROMEBOOK TOUCH

- CPU GLK-R (FCBGACPU)
- GLK-R integrated with CPU
- Intel GLK-R integrated graphic (UMA)
- 8GB Memory
- 16:9/HD/FHD (1,366 x 768/ 1920 × 1080)
- OS Chrome OS 64bits
- Clamshell HD (720P) Camera
- WLAN (1 x 2, 2 x 2)
- Chromebook keyboard compliant

COMMODITIES

- **INTEL XEON 4th Gen SAPPHIRE RAPIDS CPU**
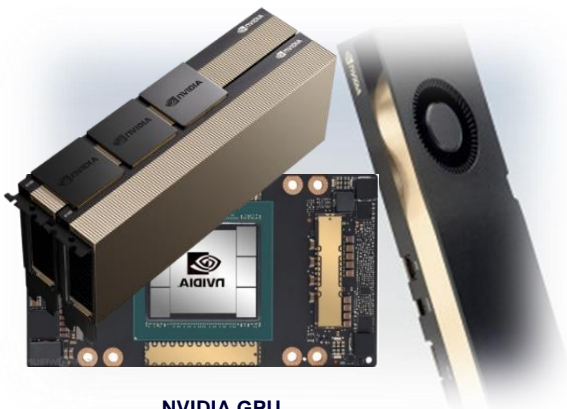
- **INTEL XEON 3rd Gen ICE LAKE CPU**

- **INTEL XEON 2nd Gen CASCADE LAKE CPU**

- **4th Gen 9004 AMD EPYC GENOA CPU**

- **3rd Gen 7003 AMD EPYC™ MILAN CPU**

- **2nd Gen 7002 AMD EPYC™ Rome CPU**

NVIDIA GPU

➢ H 100
➢ A 100
➢ A 100 SXM
➢ A2
➢ A16
➢ A30
➢ A40
➢ RTX A6000, A5000, A4000, A4500

HDD & SSD

➢ INTEL SSD
➢ SAMSUNG NVMe
➢ SCALEFLUX CSD
➢ SEAGATE EXOS HDD
➢ MICRON NVMe
➢ ULTRASTAR SSD
➢ WD HGST HDD
➢ NETLIST NVMe

DDR5 and DDR4 MEMMORY

- ➢ MICRON DDR4 23400
- ➢ MICRON DDR4 25600
- ➢ SAMSUNG DDR4 25600
- ➢ SAMSUNG DDR4 23400
- ➢ SAMSUNG DDR4 21300
- ➢ SAMSUNG DDR4 19200
- ➢ INTEL DDR4-NV 21300

HYPERSCALERS 100G QSFP28+ DAC CABLE 5M

- ➢ Compatible with all major vendors;
- ➢ Cost effective copper
- ➢ solution
- ➢ Optimized design for signal integrity

HYPERSCALERS 40G QSFP+ DAC CABLE 3M

- ➢ Cost effective copper solution
- ➢ Compatible with all major vendors;
- ➢ Optimized design for signal integrity

HYPERSCALERS 100G QSFP28 1M DAC

- ➢ Compatible with all major vendors; Quanta, Cisco, Edgecore etc
- ➢ Ideal for next gen
- ➢ Leaf/Spine architecture
- ➢ Extremely cost effective
- ➢ Low power consumption

HYPERSCALERS 40G QSFP+ TO 4X10G SFP+ BREAKOUT CABLE DAC 1M

- ➢ Compatible with all major vendors; Quanta, Cisco, Edgecore etc
- ➢ Ideal for short distance breakout applications

HYPERSCALERS 10G SFP+ 5M DAC

- ➢ Cost effective copper solution
- ➢ Ideal for short distances
- ➢ Optimized for signal integrity

HYPERSCALERS 10G SFP+ 3M AOC

- ➢ Compatible with any major vendor; Quanta, Cisco, Edgecore etc
- ➢ RoHS 6 compliant
- ➢ Hot Pluggable SFP+ form factor
- ➢ Up to 300m on OM2/OM3 MMF

WHY CHOOSE

1
GAIN 3X CAPABILITY FOR ANY GIVEN BUDGET
- 3x more Virtual Machines
- 3x more containers
- 3x GPU – innovation capacity

2
BREAK FREE FROM LOCK-INS
- Free of hardware lock-ins
- Free of software lock-ins

3
IP APPLIANCE DESIGN PROCESS
- Hyperscale your services quickly, reliably and at a fraction of historical costs with an appliance
- OEM branding opportunities

4
LAB AS A SERVICE
Test drive our stack-solutions to find which is right for your business

5
ONLINE SERVER CONFIGURATION
Customize your servers with choice of CPU, RAM, GPU, SSD, NVMe, NIC and Accelerators

6
Manufacturing out of 8 regions
- Manufacturing out of 8 regions
- Sales, Service and Support from over 70 countries
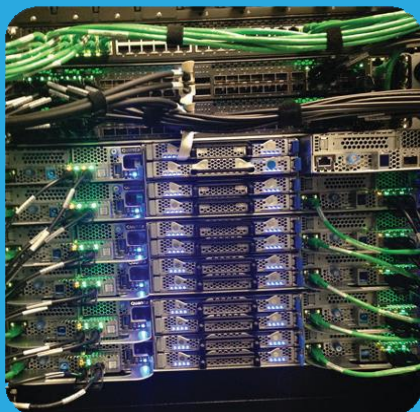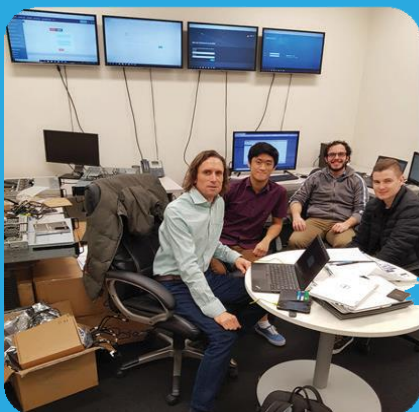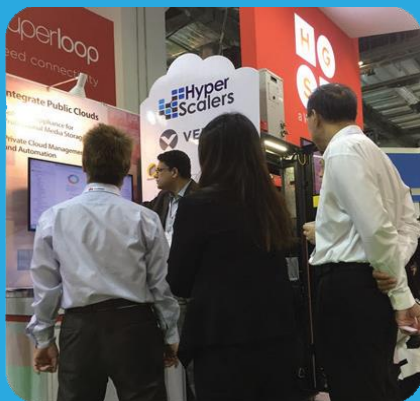- Warranty from 3 to 5 years

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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.

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