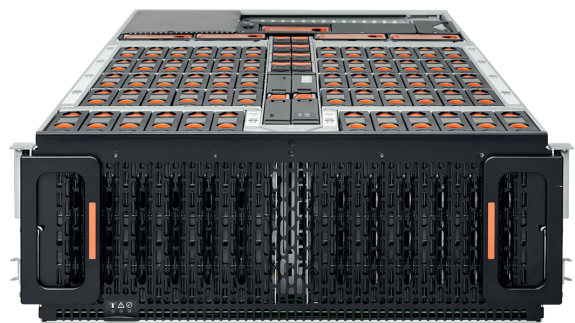# 2crsi

ULYS 1.68SP

Petabyte Scale Hybride Storage Server

ULYS 1.68SP is a 68-Bay Hybrid Storage Server for Big Data and Software-Defined Storage

DESIGN PRINCIPLES

- Dual high-performance Intel® Xeon Scalable Processor based CPUs.

- Rack-mounted top cover for quick and easy service.

- Innovative IsoVibe™ technology ensures maximum performance even in heavy workloads.

- Improved cooling from innovative ArcticFlow™ technology.

TOP APPLICATIONS

High Performance Computing

Storage

Big Data

Software-Defined Storage (SDS)
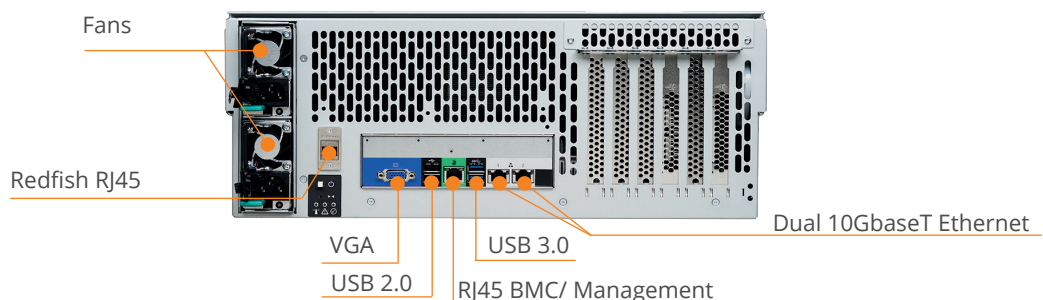
KEY BENEFITS

- High power efficiency

- Flexible design

- High speed and computing

KEY FEATURES

Unique solution which supports :

- High-performance Intel Xeon® Scalable Processor-based server.
- Choice of CPUs to match workloads.
- Up to 60 (SAS or SATA) HDDs plus up to 8 SAS or SATA SSDs.

- Over 960TB raw capacity with 14TB HDDs and 15.36TB SSDs.
- Dual 1Gb/s LAN ports (Intel® I210-AT)
- Hybrid support for up to 32 SSDs to create a data acceleration tier.

OVERVIEW

Fans

Redfish RJ45

VGA

USB 2.0

USB 3.0

RJ45 BMC/ Management

Dual 10GbaseT Ethernet

2CRSi
Specifications are subject to change. Please verify with sales representative for latest revision.

www.2crsi.com
contact@2crsi.com

ULYS 1.68SP

SPECIFICATIONS

System

Model	ULYS 1.68SP
Form Factor	4U
Dimension	1099 x 305 x 175mm 43.27" x 17.61' x 6.89'" (D x W x H)
Sled	-
Weight	95.25kg (210lbs)

Storage

Front type	60x 3.5" SAS or SATA HDD slots of which up to 24x may be used for 2.5" SAS or SATA SSDs Additionally, up to 8x SAS or SATA SSDs in center channel bays
Rear type	-

Motherboard

CPU	Intel® Xeon® Scalable Processors
Chipset	-
Expansions slots	6x PCIe Gen3 1x PCIE Gen3 x8
M.2 connector	-
Network	2x 10GbE base-T

Processor

Socket type	Dual Socket P (LGA3647)
Supported CPU	Intel® Xeon® Scalable Processors
TDP	Max up to 165W

Memory

Quantity	16x DIMM slots
Capacity	Up to 2TB 3DS LRDIMM or RDIMM
Speed	DDR4 2666Mhz
Channels	8x channels per CPU

Server management

BMC	IPMI 2.0, Redfish
Chipset	Aspeed® AST2500
TPM	TPM Header for SPI interface

Front I/O

Button	-
LED	1x Power 1x ID 1x Fault
Port	-

Back I/O

Button	1x Power
LED	1x Power 1x ID 1x Fault
Port	2x USB 2.0 2x USB 3.0 2x Dual 10GbaseT 1x VGA 1x Redfish RJ45 1x IPMI 2.0

Internal connector

Port	-

System Cooling

Fans	6x fans

Power Input

Type	2000W Redundant Power Supplies 80+ Platinum certified
Input Range	200 - 240Vac / 50 - 60Hz
DC Output	-

Operating Environnement

RoHS	-
Temperature	Operating temperature: 5°C to 35°C Non-operating temperature: -40°C to 70°C
Humidity	Operating humidity : 8-90% (non-condensing)

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