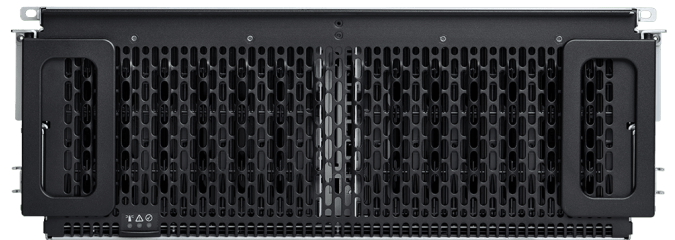![2crsi logo]

ULYS 4102

Petabyte Scale Hybrid Storage Platform

ULYS 4102, a **4U server**, is a key element of **next-generation disaggregated storage and software-defined storage (SDS) sytems**, delivering high density and the flexibility to balance performance with cost.

DESIGN PRINCIPLES

- Increased efficiency, accelerated performance.

- High-end storage server.

- Tool-less and lockable 3.5 drive trays.

TOP APPLICATIONS

Storage	Cloud	Big Data

KEY BENEFITS

- Easy maintenance
- Compact and powerful
- Simple to specify

KEY FEATURES

Unique solution which supports :

- IsoVibe™ Vibration Isolation Technology
- ArticFlow™ Thermal Zone Cooling Technology
- 5-year limited warranty

- Up to 2PB raw capacity in 4U using 18TB CMR or 20TB SMR HDDs or 15,36TB SSDs
- Hybrid support for data acceleration tier with SSDs in up to 24 of 102 drive slots

OVERVIEW

FRONT VIEW

3.5" drive bays
Enclosure handles
LEDs

REAR VIEW

PSUs
Fans

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

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contact@2crsi.com

ULYS 4102

2crsi

SPECIFICATIONS

System

Model	ULYS 4102
Form Factor	4U
Dimension	1047 x 447 x 175mm 41,25" x 17,61" x 6,89" (D x W x H)
Sled	-
Weight	31,8 kg (70 lbs)

Storage

Front type	102x 3.5" hot-swap bays Up to 24 can be SAS (12Gb/s) or SATA (6Gb/s) SSD
Rear type	-

Motherboard

CPU	-
Chipset	-
Expansions slots	-
M.2 connector	-
Network	-

Processor

Socket type	-
Supported CPU	-
TDP	-

Memory

Quantity	-
Speed	-
Channels	-

Server management

BMC	SCSI Enclosure Services
Chipset	Redfish (out of band, via RJ45)
TPM	-

Front I/O

Buttons	-
LEDs	1x Power 1x ID 1x Fault
Port	-

Back I/O

Buttons	-
LEDs	12x SAS Link Status 12x SAS Fault Status 1x Power 1x ID 1x Fault 2x Ethernet Connector Speed 2x Ethernet Connectors Link / Activity
Port	2x RJ45 ports 6x redundant Mini-SAS HD ports per IOM

System Cooling

Fans	4x main enclosure fans, front-to-rear system cooling with zero-loss backflow prevention 1x IO module fan Dual PSUs with built-in fans

Power Input

Type	Dual 1600W, 80+ Platinium
Input Range	200-240V AC input, auto ranging, 50-60Hz

Warranty

Length	5 years support

Operating Environnement

RoHS	-
Temperature	Operating temperature: 5°C to 35°C Non-operating temperature: -40°C to 70°C
Humidity	Non operation humidity: 5% ~ 85% (Non condensing)

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