

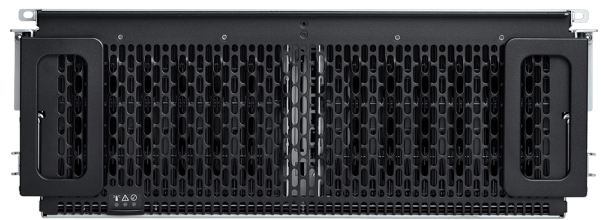
# ULYS 460

## Petabyte Scale Hybrid Storage Platform

**ULYS 460**, a 4U server, is a key element of **next-generation disaggregated storage and software-defined storage (SDS) systems**, 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

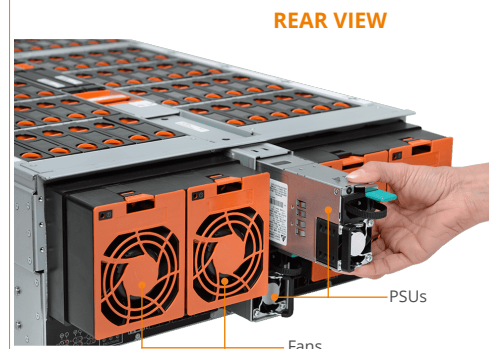
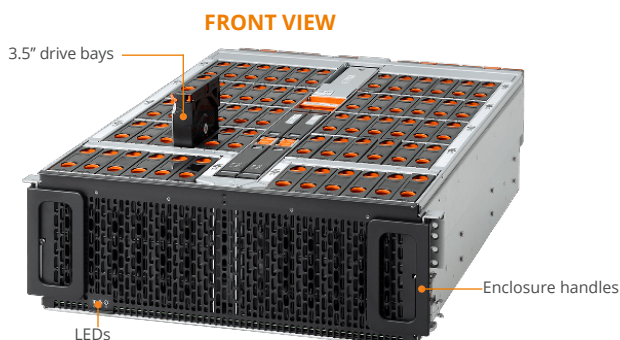
- Easy maintenance
- Compact and powerful
- Simple to specify

### KEY FEATURES

Unique solution which supports :

- IsoVibe™ Vibration Isolation Technology
- ArticFlow™ Thermal Zone Cooling Technology
- 5-year limited warranty
- Up to 1.2PB raw capacity in 4U using forthcoming 20TB SMR HDDs
- Hybrid support for data acceleration tier with SSDs in up to 24 of 60 drive slots

### OVERVIEW



## SPECIFICATIONS

System		Front I/O	
<b>Model</b>	ULYS 460	<b>Buttons</b>	-
<b>Form Factor</b>	4U	<b>LEDs</b>	1x Power 1x ID 1x Fault
<b>Dimension</b>	712 x 447 x 175mm 28,03" x 17,61" x 6,89" (D x W x H)	<b>Port</b>	-
<b>Sled</b>	-	<b>Back I/O</b>	
<b>Weight</b>	27,3 kg (60 lbs)	<b>Buttons</b>	-
<b>Storage</b>		<b>LEDs</b>	12x SAS Link Status 12x SAS Fault Status 1x Power 1x ID 1x Fault 2x Ethernet Connector Speed 2x Ethernet Connectors Link / Activity
<b>Front type</b>	60x 3.5" hot-swap bays Up to 24 can be SAS (12Gb/s) or SATA (6Gb/s) SSD	<b>Port</b>	2x RJ45 ports 6x redundant Mini-SAS HD ports per IOM
<b>Rear type</b>	-	<b>System Cooling</b>	
<b>Motherboard</b>		<b>Fans</b>	4x main enclosure fans, front-to-rear system cooling with zero-loss backflow prevention 1x IO module fan Dual PSUs with built-in fans
<b>CPU</b>	-	<b>Power Input</b>	
<b>Chipset</b>	-	<b>Type</b>	Dual 1600W, 80+ Platinum
<b>Expansions slots</b>	-	<b>Input Range</b>	200-240V AC input, auto ranging, 50-60Hz
<b>M.2 connector</b>	-	<b>Warranty</b>	
<b>Network</b>	-	<b>Length</b>	5 years support
<b>Processor</b>		<b>Operating Environment</b>	
<b>Socket type</b>	-	<b>RoHS</b>	-
<b>Supported CPU</b>	-	<b>Temperature</b>	Operating temperature: 5°C to 35°C Non-operating temperature: -40°C to 70°C
<b>TDP</b>	-	<b>Humidity</b>	Non operation humidity: 5% ~ 85% (Non condensing)
<b>Memory</b>		<b>Server management</b>	
<b>Quantity</b>	-	<b>BMC</b>	SCSI Enclosure Services
<b>Speed</b>	-	<b>Chipset</b>	Redfish (out of band, via RJ45)
<b>Channels</b>	-	<b>TPM</b>	-