



A nest for your data

The JBOD ULYS4 Storage Platforms are designed for data centers that need a dense solution with high availability capabilities, while maintaining a low power profile.

The JBOD ULYS4 are available in two flavors: 60 drives and 102 drives with an HDD/SSD hybrid capability up to 24 SSDs. One JBOD can store up to 1.2PB in just 4U.

With two redundant I/O modules and twelve 12Gbps SAS-3 interfaces (SFF-8644), the platform reaches high throughputs and is highly scalable.

Patented cooling minimizes internal temperatures and temperature variation across the drives. Patented vibration isolation drastically reduces internally and externally induced vibration to the drives.

The integrated platform enables fast time-to-deployment. Innovative design allows enhanced serviceability.

The ULYS4 products have a 5-year warranty.

KEY FEATURES



ENTERPRISE CLASS

- 60 drives or 102 drives
- Up to 1.2PB in 4U
- 12x SAS-3, high IOPS, high Gbps
- Up to 24 SSDs to create separate performance tiers
- Easy maintenance

LOW POWER

- Helium drives
- Platinum efficiency qualified PSU

HIGH QUALITY

- Patented cooling scheme
- Patented springs for reduced vibrations
- No single point of failure

SPECIAL FEATURES

- 5 years warranty
- Cable Management Arm (CMA)

SPECIFICATIONS

Reference	ULYS460-3	ULYS4102
Form factor	4U rack-mounted storage enclosure	
Host connectivity	<ul style="list-style-type: none"> • 2x Input / Output Modules • 12x 12Gbps SAS-3, 6 per IOM (SFF-8644) 	
Maximum number of drives	60x 3.5" drives	102x 3.5" drives
JBOD capacity (Maximum)	720TB with 60 drives of 12TB	1224TB with 102 drives of 12TB
Drives	<ul style="list-style-type: none"> • Helium: 12TB, 10TB, 8TB • Air: 6TB 	
SSD Capability	Up to 24 SDDs to create separate performance tiers within the platform	
Drive Maintenance	Hot-Swappable	
Drives sector size	<ul style="list-style-type: none"> • 4kn sector (SE/ISE/TCG) • 512e sector (SE/ISE/TCG) 	
Power	<ul style="list-style-type: none"> • 2x Hot-swappable and redundant 1600W PSUs (Platinum) • 200-240 VAC auto-ranging, 50Hz/60Hz input 	
Cooling	<ul style="list-style-type: none"> • 4 hot swappable cooling fans • Fan speed tuning via management interface 	
Serviceability	<ul style="list-style-type: none"> • Hot-swappable IOMs, power supplies, fans and drives • Parts replacement doesn't require cables to be disconnected 	
Enclosure	<ul style="list-style-type: none"> • Height: 174.8mm (6.88") • Width: 424mm (16.69") • Depth: 715mm (28.15") • Depth in Rack: 850mm (33.46") w/ CMA 	<ul style="list-style-type: none"> • Height: 174.8mm (6.88") • Width: 424mm (16.69") • Depth: 1049mm (41.3") • Depth in Rack: 1160mm (45.67") w/ CMA
Weight	Product w/ 60 HDDs: 81.6kg (180lbs)	Product w/ 102 HDDs: 108.86kg (240lbs)
Temperature Range	<ul style="list-style-type: none"> • Range: 5° to 35°C (41°F to 95°F) • Derating: 1° C per 125m above 950m 	
Relative Humidity	8% to 80% non-condensing	
Shock	<ul style="list-style-type: none"> • Non-operating: 8g 6ms Trapezoidal • Operating: 3.5g 6ms Pulse vertical shock 	
Vibration	<ul style="list-style-type: none"> • Non-operating: Random 0.6 Grms 10-300Hz • Operating: Random 0.25 Grms 5-10Hz 0.05 g sine wave sweep 10-300Hz 	
Warranty	5 years	