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# IFS Storage 7460J

Up to 240TB Storage  
Ultra Density & Fully  
Redundant 4U Disk Expansion Unit



## BENEFITS

As an ultra-dense, scalable, and cost-effective disk expansion unit, Fusionstor IFS 7460J features sixty hot-pluggable 3.5"/2.5", SAS/SATA, HDDs/SSDs in a 4U enclosure and provides shared direct-attached-storage to up to four Fusionstor servers simultaneously via four external mini-SAS ports. Major components including power supplies, fans, and SAS Interface Modules are redundant and hot-pluggable with high availability.

The design is optimized for the general-purpose needs of enterprise and service provider datacenters where the lowest operational cost-per-watt and smallest footprint are critical to achieving the desired economics.

### High Density

Fusionstor IFS 7460J Expansion Unit supports sixty hot-pluggable 3.5"/2.5", SAS/SATA, HDDs/SSDs in a 4U enclosure, with up to 240TB of storage capacity.

### Flexibility

IFS 7460J provides flexible and scalable disk configuration and combination. It supports 2.5" and/or 3.5", SAS and/or SATA, HDD and/or SSD, and different disk capacity options. Users can configure various disk options to address their unique needs and performance requirements.

### Cost-effectiveness

The IFS 7460J is a cost-effective alternative for enterprises that want an ultra-dense storage solution but might not need up to 240 TB total storage on a single server. The unit can be shared with up to four servers via multi-lane Serial Attached SCSI (SAS) host interfaces, allowing these customers to enjoy the efficiency of ultra-dense storage across multiple physical servers.

### Reliability & High Availability

IFS 7460J supports dual high-efficiency redundant power supplies and four hot-pluggable fans, ensuring reliability and continuous availability in mission-critical datacenter environment. Hot-pluggable redundant SAS interface modules provides dual data paths and ensure continuous operation. Ultra-high storage densities can present substantial mechanical engineering challenges from the sheer mass of rotating media. Interference from vibration caused by hard disk rotation is isolated in the IFS 7460J to assure reliability and high performance across a range of loading and access scenarios.

### Serviceability & Manageability

With its innovative coverless, top access HDD design, IFS 7460J significantly reduces service and maintenance complexity.

### Fusionstor, a Leading Datacenter Solution Provider

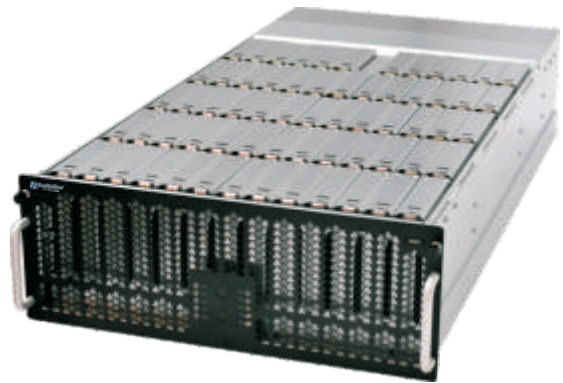
For years, Fusionstor has successfully developed and customized its advanced engineered products for enterprise datacenters, mega-scale datacenters and top-tier multinational firms worldwide. Base on the rich experiences, Fusionstor is dedicated on development of "best Performance-per-Watt and per-Dollar" solutions to fulfill ever-growing datacenter demands for all budgets. The IFS 7460J is designed for large/medium-size datacenters & cloud service providers with lower CAPEX, OPEX, and satisfying overall performance.



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Form Factor ( L x W x H )	4U Chassis [ W/O Cable management 909.20mm x 447mm 35.80" x 17.60" x 6.90" [ W/ Cable management 1103.1mm x 447mm 43.43" x 17.60" x 6.90"
Weight	[ W/O Hard drives ] 80.11 lb. (36.34kg) [ W/ (60) 3.5" Hard drives ] 187.39 lb. (85 kg)
Controller Module	(2) Hot-swappable SAS Interface Modules (SIM) (4) Hot-swappable Internal SAS Interface Modules (ISIM)
External I/O Ports	(4) 6Gb/s mini-SAS ports per SIM (3) Host ports (1) OUT port for cascading
Storage	(60) 3.5" and 2.5" SASII and SATAIII hot-pluggable hard drives with dual-port access. (SATA drive requires optional Active-Active MUX)
Management port	(1) Mini USB management port
Expansion Support	Scalable up to (120) hard drives in cascading (1) 7460J
Power Supply	(2) 1400W high efficiency redundant PSUs 200-240VAC 50/60Hz
Cooling Fans	(7+1) Rotors redundant fans per system (2) rotors in a fan, and (4) fans per system
Firmware Management	SCSI Enclosure Service (SES-2)
LED Indicators	Front panel : System ID LED HDD status LED System status LED Fan/PSU/SIM/ISIM status LED HDD Active and ID/Status LED Internal SAS Interface Module Status LED SAS Interface Module Status LED

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