

Isilon EX 6000, EX 9000 & EX 12000

**Lower Cost and Complexity.
Higher Confidence and Capability.**



Key Features

- Cost-effective for multi-tier nearline, disk-to-disk backup and disaster recovery needs
- Scalable up to 5.2 PB in a single cluster
- Enables independent capacity scaling
- Easily connects to Isilon IQ 6000, 9000 and 12000 platform nodes via high-speed SAS connection
- Full support for Isilon SyncIQ™, SnapShotIQ™, SmartConnect™, SmartQuotas™ and Aspera for Isilon IQ

High Capacity Clustered Storage Extension Nodes Provide Cost-Effective Nearline Archive, Disk-to-Disk Backup and Disaster Recovery Storage

Businesses today face an unprecedented need to archive and access vast amounts of file-based data to increase productivity and ensure business continuance. Traditionally, enterprises have relied on tape-based and low-end JBOD solutions to archive and access information. These legacy solutions not only fail to satisfy performance, ease-of-use and scalability requirements, they also impair the ability to quickly, economically and easily access archived information.

In response to these growing challenges, Isilon offers the EX 6000, EX 9000 and EX 12000 storage extension nodes. Designed as an extremely low-cost, high-capacity clustered storage product, each Isilon EX 6000 contains 6 terabytes of SATA-II disk capacity (9 terabytes for the EX 9000 and 12 terabytes for the EX 12000) in a 2U form factor and utilizes state-of-the-art Serial Attached SCSI (SAS) technology to connect to an Isilon IQ 6000, IQ 9000 or IQ 12000 platform node. By leveraging Isilon's OneFS® operating system with unique clustered storage architecture, the EX 6000, EX 9000 and EX 12000 create a high-density storage solution that can modularly scale to hundreds of terabytes of capacity in single unified clusters and single file systems. Starting at a minimum configuration of five Isilon IQ platform nodes paired with five EX storage extension nodes, the solution integrates seamlessly within existing enterprise network infrastructures and uses standard NAS file sharing protocols over Gigabit Ethernet. It's an ideal multi-tier storage solution for:

- **Nearline Archiving:** Large scale and less frequently accessed information can be seamlessly moved to an economical and highly available secondary tier of disk-based storage that enables businesses to lower total storage costs while providing instantaneous access to archive information, including CAD/ CAM designs, document images, video, audio, digital photos, historical documents, medical images and e-mail attachments.
- **Disk-to-Disk Backup and Restore:** Consolidation of backup information onto a large, single disk-based cluster significantly reduces backup windows, restore times and eliminates failures commonly found with traditional tape-based systems.
- **Remote Disaster Recovery:** When combined with Isilon's SyncIQ™ asynchronous replication software, a large, single disk-based cluster serves as a superior business continuance storage solution, ensuring enterprise information is online and accessible at all times.

Please contact an Isilon sales representative or reseller to find out how the Isilon IQ and EX solutions can streamline your nearline archiving, disk-to-disk backup and disaster recovery operations.



SPECIFICATIONS

	EX 6000	EX 9000	EX 12000
Power Supply	Dual, 500W redundant hot-swappable with Power Factor Correction		
Maximum Power Consumption @ 100v	3.5A		
Maximum Power Consumption @ 240v	1.5A		
Typical Power Consumption @ 100v	2.2A	2A	2.2A
Typical Power Consumption @ 240v	1A		
Maximum Thermal Rating	1200 BTU/hour		
Typical Thermal Rating	750 BTU/hour	650 BTU/hour	750 BTU/hour
Operating Environment	50° F to 95° F (10° C to 35° C), 5% to 95% relative humidity, non-condensing		
Non-Operating Environment	-40° F to 149° F (-40° C to 65° C), 5% to 95% relative humidity, non-condensing		
Dimensions/Weight	Height: 3.48" (8.8 cm), Width: 18.87" (47.9 cm), Depth: 28.5" (72.4 cm), Weight: 56.2 lbs/ 25.5 kg		
Minimum Service Clearances	35" (88.9 cm), Rear: 14" (35.6 cm)		

ATTRIBUTES

	EX 6000	EX 9000	EX 12000
Capacity	6.00 TB	9.00 TB	12.00 TB
Hard Drives	Twelve (12) hot-swappable 3.5 SATA-2 500 GB HDD	Twelve (12) hot-swappable 3.5 SATA-2 750 GB HDD	Twelve (12) hot-swappable 3.5 SATA-2 1 TB HDD
Front-End Networking	Not applicable		
Interconnect	Attaches to Isilon IQ 6000 nodes via Serial Attached SCSI (SAS)	Attaches to Isilon IQ 9000 nodes via Serial Attached SCSI (SAS)	Attaches to Isilon IQ 12000 nodes via Serial Attached SCSI (SAS)
External Indicators	Cluster status and alert (LED)		

INDUSTRY CERTIFICATIONS

North American (NA) Safety

UL/cUL Listing (UL 60950-1:2003, First Edition) CSA C22.2 No.60950-1-03

International Safety

CB Scheme IEC 60950-1 (2001) First Edition with all national deviations

European Union (EU) Safety

CE, Low Voltage Directive

NA EMC

US FCC Part 15/ Canada IC ICES-03

International EMC

EU EMC Directive (EN 55022 & EN 55024)

Japan (VCCI)

South Korea (MIC)

China (CCC)