



The Leader in Clustered Storage

Isilon EX 6000



High Capacity Clustered Storage Expansion Node Provides 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 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, however, fail to satisfy performance, ease of use and scalability requirements and impair the ability to quickly, economically and easily access archived information.

KEY FEATURES

- Cost-effective for multi-tier nearline, disk-to-disk backup, and disaster recovery needs
- Scalable to hundreds of terabytes
- Independent capacity scaling with TrueScale™
- Easily connects to Isilon IQ 6000 platform nodes via high speed SAS connection
- Isilon IQ 6000 and EX 6000 nodes provide 12 terabytes in 4U factor
- Full support for Isilon SyncIQ™ asynchronous replication software

In response to these mounting challenges, Isilon has introduced the EX 6000 storage extension node. Designed as an extremely low cost, high capacity clustered storage product, the Isilon EX 6000 contains 6 terabytes of SATA-II disk capacity in a 2U form factor and utilizes state-of-the-art Serial Attached SCSI (SAS) technology to connect to an Isilon IQ 6000 platform node. By leveraging Isilon's OneFS® distributed file system with TrueScale™ technology, the combined products create a high density storage solution that can modularly scale to hundreds of terabytes of capacity in a single unified cluster and single file system. Starting at a minimum configuration of five Isilon IQ 6000 platform nodes paired with five EX 6000 storage extension nodes (60 terabytes), the solution integrates seamlessly within existing enterprise network infrastructures and uses standard NAS file sharing protocols over Gigabit Ethernet.

The Isilon IQ 6000 with EX 6000 is 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instantaneous access to archive information, including CAD/CAM designs, document images, video, audio, digital photos, historical documents, medical images, and e-mail attachments.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 6000 and Isilon EX 6000 solution can streamline your nearline archiving, disk-to-disk backup and disaster recovery operations.

Isilon EX 6000



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Specifications

Power Supply	Dual, 500W redundant hot-swappable with Power Factor Correction
AC Input/Power Consumption	100-240 VAC (60-50 Hz), typical: 2.2A-1A, max: 3.5A – 1.5A
Thermal Rating	1200 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: 60 lbs / 27 kg
Minimum Service Clearances	35" (88.9 cm), Rear: 14" (35.6 cm)

Attributes

Capacity	6.00 TB (coupled to IQ 6000 12 TB)
Hard Drives	Twelve (12) hot-swappable 3.5 SATA-500 GB HDD
Front-End Networking	Not applicable
Interconnect	Attaches to Isilon IQ 6000 node 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)