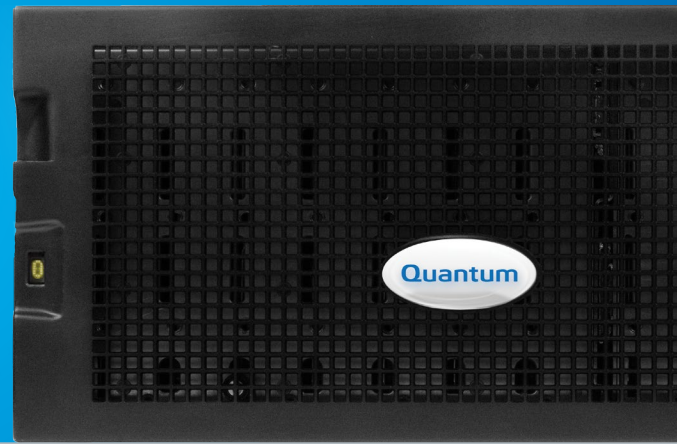


Quantum®

StorNext Q-Series Storage



> DATASHEET

High-performance storage for StorNext 5 environments

STORNEXT 5 SOLUTIONS FOR DEMANDING WORKFLOWS

From video footage to seismic exploration to DNA research, organizations are experiencing tremendous growth in valuable data that is often difficult or impossible to recreate. Quantum's StorNext® Q-Series primary disk systems are purpose-built for extreme data environments, with solutions that scale to massive capacity, maintain high performance at low operational costs, flexibly support the most challenging requirements, and keep digital assets available forever.

PRIMARY STORAGE FOR HIGH-PERFORMANCE, SHARED DATA WORKFLOWS

Data-intensive workflows put unique performance and scalability demands on storage infrastructures, whether for a team of genetic researchers investigating possible cures for cancer, or a creative department doing post-production video editing on a feature film. StorNext Q-Series Storage includes three models designed to deliver ideal blends of performance, scalability, and density.

STORNEXT QXS-5600 FOR THE MOST DEMANDING ENVIRONMENTS

The StorNext QXS-5600 is designed for highest-capacity and highest-performance StorNext 5 environments. Where a small footprint and high performance are tantamount, the StorNext QXS-5600 balances high-throughput with outstanding density, offering 168TB in a 4U base model that scales to a maximum of over 1.3PB.

STORNEXT QXS-2400 FOR MID-RANGE DEPLOYMENTS

The StorNext QXS-2400 offers high-performance, low-latency 10K SAS drives and is ideal for applications that require higher stream counts, a balance of high performance and scalable capacity, or for use as metadata storage. The StorNext QXS-2400 scales from 14.4TB in a 2U base model up to a maximum of 230.4TB.

STORNEXT QXS-1200 STORAGE FOR LOW-COST & SCALE-OUT DEPLOYMENTS

StorNext QXS Storage offers a lower entry cost and scale-out performance suitable for streaming applications such as video editing—particularly where simultaneous access by multiple users is required. The StorNext QXS-1200 offers NL-SAS drives for the most competitive cost per TB, with capacities that start at 24TB and can be expanded to 576TB.

STORNEXT 5 FOR FLEXIBLE MULTI-TIER STORAGE

StorNext 5 policy-based tiering can manage your data from the moment it's created until after it's archived. StorNext Q-Series Storage can be combined in a multi-tier storage deployment that includes StorNext AEL Archives, Lattus Object Storage, and Q-Cloud Archive to match the best cost and performance for each workflow stage.

FEATURES & BENEFITS

Storage solutions for performance, scalability, and/or density

With redundancy, availability, and manageability for demanding environments.

Purpose-built for StorNext 5 environments

Primary storage for a complete StorNext 5 solution; can be added to existing StorNext deployments.

Extensive high-availability features

Including dual-active controllers with automated I/O path failover.




World-class support from Quantum

Customers have a single vendor experience from point of purchase to service and support from StorNext experts at Quantum.

> LEARN MORE:
www.quantum.com/stornext

TECHNICAL SPECIFICATIONS

STORNEXT Q-SERIES STORAGE

	 StorNext QXS-1200 Storage	 StorNext QXS-2400 Storage	 StorNext QXS-5600 Storage
Use Case	Online Storage - Video SAN Real-time Operations Scale-out for Large Multi-user Environments	Non Real-time Operations, Transcoding, Rendering Specialized Configurations	Non Real-time Operations Dense Near-line
Maximum Raw Capacity (TB)	576	230.4	1344
Maximum Disk Drives	96	192	224
Other Supported Drive Types	2TB 7.2k RPM 3.5" NL-SAS 3TB 7.2k RPM 3.5" NL-SAS 4TB 7.2k RPM 3.5" NL-SAS 6TB 7.2k RPM 3.5" NL-SAS	600GB 10k RPM 2.5" SAS 900GB 10k RPM 2.5" SAS 1200GB 10k RPM 2.5" SAS	3TB 7.2k RPM 3.5" NL-SAS 4TB 7.2k RPM 3.5" NL-SAS 6TB 7.2k RPM 3.5" NL-SAS
Form Factor	2U	2U	4U
Drives per Unit	12	24	56
Expansions*	2U Form Factor Up to 7 per RAID 20.46" (51.9 cm) deep 78.2 lb (35.5 kg)	2U Form Factor Up to 7 per RAID 20.57" (52.25 cm) deep 57.32 lb (26 kg)	4U Form Factor Up to 3 per RAID 36" (91.44 cm) deep 210 lb (95.3 kg)*
Recommended RAID Configuration	RAID 6		
I/O Interface Options	16 Gbps Fibre Channel; 8 ports		
System Memory	12GB (6GB per controller)		
Operating Systems Supported for Fibre Channel Connectivity	Windows, Linux, Mac OS		
Systems Management	Easy to use web-based management interface CLI management interface Non-disruptive updates Volume expansion		
Height	3.43" (8.71 cm)	3.5" (8.9 cm)	7" (17.8 cm)
Width	18.99" (48.24 cm)	17.6" (44.7 cm)	17.6" (44.7 cm)
Depth	20.46" (51.9 cm) deep	20.57" (52.25 cm) deep	36" (91.44 cm) deep
Max Weight	78.2 lb (35.5 kg)	57.32 lb (26 kg)	210 lb (95.3 kg)
Watts	465	436	1200
BTU	1587	1488	4095

* Expansions for QXS-5600 will be available starting in Q2 2015.

To learn more about StorNext Q-Series Storage, please visit
www.quantum.com/stornext

Quantum
BE CERTAIN