

HX SERIES

redu»io

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Enterprise flash storage with built-in data protection and copy data management capabilities and exceptional performance and efficiency

KEY BENEFITS

TIME MACHINE FOR DATA

Recover data and applications back to any second without upfront planning or scheduling

10X FASTER, 5X SMALLER

Store an entire cloud in a 2U flash system using always-on global deduplication and compression

BUILT-IN OPEN DATA PROTECTION

Protect data to any iSCSI storage or S3-based clouds and instantly restore to any Reduxio system

PROGRAMMABLE STORAGE

Develop using a full REST API, JSON-enabled CLI and key/value object tagging

ALL-IN-ONE PLATFORM

The HX Series enterprise flash storage arrays, based on Reduxio's TimeOS™ storage operating system present a new approach to data protection and data management - a high-performance primary storage converged with secondary storage capabilities - a unique, built-in "time machine" and copy data management. This consolidation simplifies the infrastructure and helps eliminating legacy solutions.

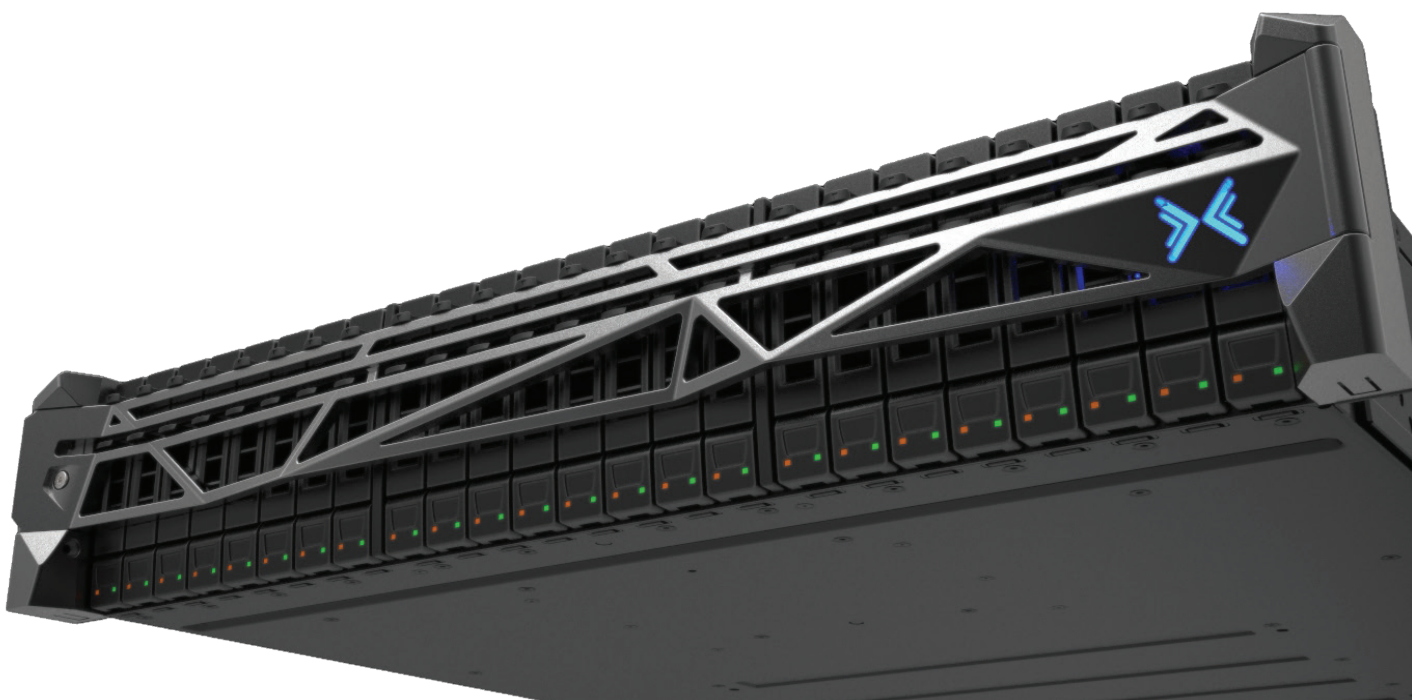
WHEN IS YOUR DATA?

Since the introduction of snapshots, there has been no major innovation in the data management capability for primary storage. Snapshots are unsuitable for today's requirements with limited granularity of recovery points, leaving application data at risk for long periods of time. Managing thousands of snapshots is just not practical anymore.







The BackDating™ technology lets administrators restore or clone volumes to any second in the past simply by selecting from a time dial. Volume versions can also be protected on any iSCSI or cloud storage using NoRestore™, and later used for instant recovery or copy data management purposes.

SUPER-EFFICIENT, SUPER-FAST

Combining flash storage, a global, always-on data reduction and continuous tiering to high capacity media provides exceptional performance and efficiency, far exceeding anything available today.



TIMEOS™ CAPABILITIES

	BackDating™ Instant recovery of applications and data to any second obsoletes snapshots with 1 second RTO/RPO
	NoDup® Global, always-on in-memory deduplication and compression offers unparalleled storage efficiency
	Tier-X™ Fine-grained, continuous and autonomous multi-tiering provides flash-first performance
	NoRestore™ Built-in open data protection and mobility with instant recovery and support for 3rd-party/cloud storage
	NoMigrate™ Instant teleporting of physical and virtual workloads from 3rd-party storage
	StorSense™ Cloud-based automated proactive support

REDUXIO HX550 - PRODUCT SPECIFICATIONS

Form Factor	Dual-controller in a 2U chassis
Capacity	38.4TB raw, 120TB+ effective capacity
SSD	8x 800GB eMLC
HDD	16x 2TB 7.2K NL-SAS
Cache	256GB DDR3 ECC
Networking	4x 10GbE SFP+ for iSCSI, 2x 1GbE RJ45 for Management, up to 6 virtual networks
Supported Hosts	Microsoft® Windows Server 2008/2012/2016, VMware® ESXi 5.x/6.x, XenServer 6.x/7.x Red Hat Linux® 5/6/7, CentOS 5/6/7, SuSE 12
Protocols	iSCSI, HTTP, HTTPS, SSHv2, DNS, SMTP, Secure SMTP, NTP
Storage Management	Reduxio Storage Manager, ReduxioCLI, REST API, SNMP traps, email alerts
Features	NoDup®, BackDating™ clone/revert, bookmarks, history policies, automatic consistency, NoRestore™, NoMigrate™, StorSense
Additional Software	StorApp for VMware vSphere, StorKit for Microsoft, StorKit for OpenStack, StorKit for Flocker