# HX SERIES

reduxio

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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 another Reduxio system 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.
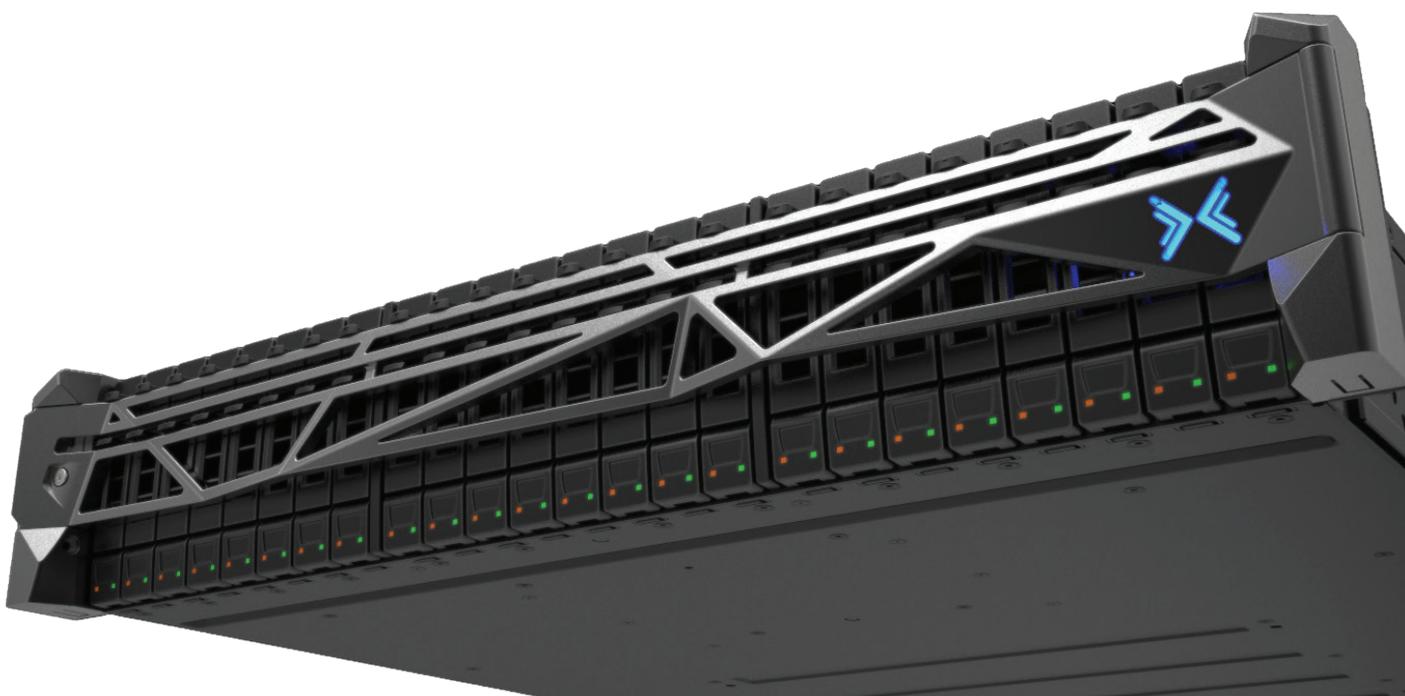
### WHEN IS YOUR DATA?
Since the introduction of snapshots, there has been no major innovation in the data management capability for primary storage. Snapshots are unsuitable for today's requirements with limited granularity of recovery points, leaving application data at risk for long periods of time. 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 another Reduxio system 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

**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 |