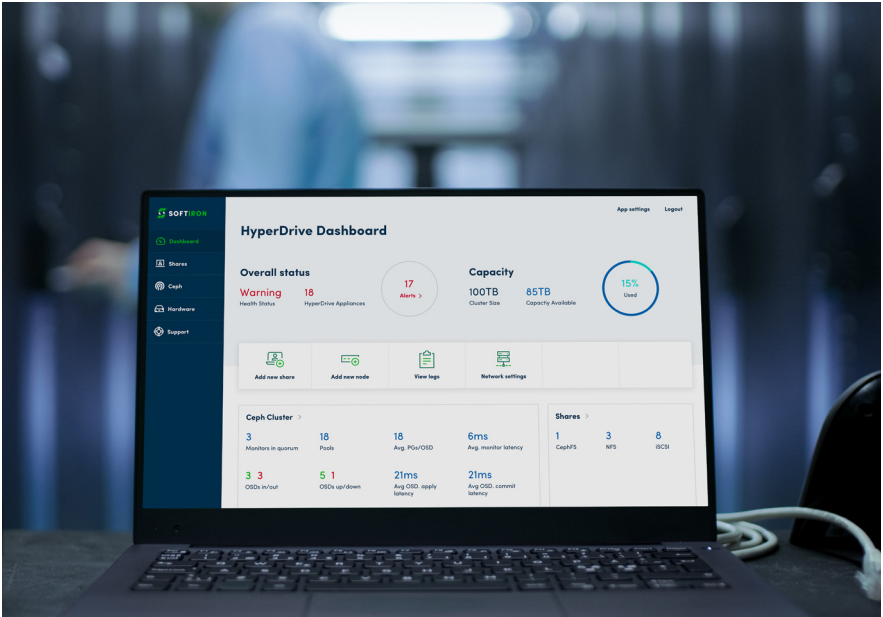


# HyperDrive<sup>®</sup> Storage Manager

SoftIron's unified  
management tool for Ceph.





# We're making software-defined storage simple.

SoftIron's mission is to create the world's finest storage solutions for the modern-day enterprise. And by finest, we mean exceptionally high-performing, scalable, flexible, reliable and efficient products that are really easy to use.

In addition, we're committed to making it more accessible than ever with our Zero Risk proposition: no lock-in contracts, pay-as-you-go subscription-style pricing, cancel any time.

All of this is supported by our end-to-end, one vendor solution. We've custom built the hardware and the software from scratch, meaning you won't ever need to mediate a problem between suppliers.

The result is truly superior, turnkey software-defined storage solutions for the enterprise.

# HyperDrive® Storage Manager

SoftIron's HyperDrive Storage Manager is the first of its kind: a powerful, unified and intuitive system designed to radically simplify the management of your Ceph software and storage hardware.

While Ceph is undoubtedly the leading open-source, software-defined storage software on the market, it has traditionally challenged organizations due to its' complexity. SoftIron built Storage Manager to address this challenge, as well as to deliver a system through which hardware and Ceph configuration could also be managed.

The end result is a simple, feature-rich management tool that reduces the overhead of Ceph management. There have been no existing, out-of-the-box solutions to simplify the management of Ceph, until now.

**CREATE AND  
MANAGE CEPH  
CONFIGURATION  
AND SHARES**

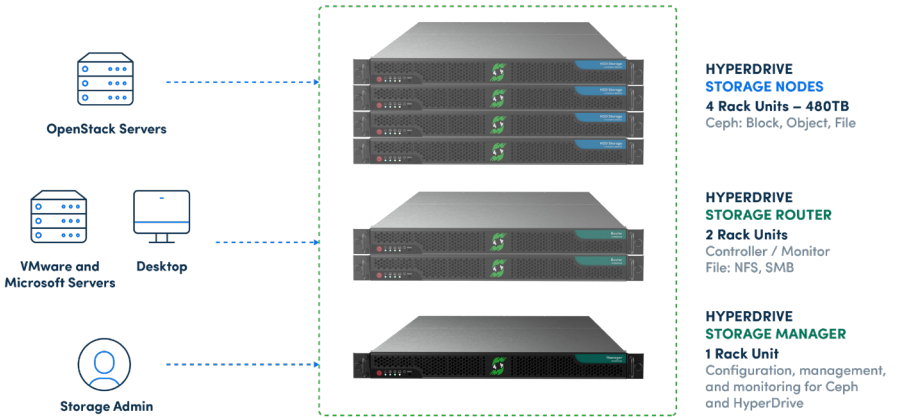
**CENTRALIZED  
MANAGEMENT  
OF CEPH AND  
HYPERDRIVE**

**STORAGE HEALTH  
AND UTILIZATION  
VISIBILITY**



HyperDrive® Storage Manager HM11000

# HyperDrive<sup>®</sup> Deployment Example



## With SoftIron's Storage Manager you can easily and confidently:

- ✓ Simplify and centralize the management of HyperDrive and Ceph
- ✓ Update, monitor, maintain and upgrade HyperDrive nodes
- ✓ Manage file shares SMB (CIFS) and NFS, object stores (S3 and Swift), and block devices (iSCSI and RBD (RADOS block devices))
- ✓ Remove the complexity of maintaining several hardware and software solutions
- ✓ Gain visibility into Ceph storage health, current utilization and predicted storage growth

All this is delivered via a sleek and intuitive online interface which is ideal for storage administrators or help desk personnel who are responsible for managing storage configuration or shares.

HyperDrive is our custom-designed, dedicated Ceph appliance, purpose built for software-defined storage. It runs at wire-speed at less than 100 watts per 1U appliance and out-performs the competition.

## HyperDrive<sup>®</sup> Storage Node at a glance

### Hardware

- » Scale-out ready
- » Wire speed throughput performance front-side and back-side networking
- » Solid state disks for journal
- » Preconfigured and tuned for balanced read and write performance
- » Low wattage power design

### Storage Management

- » Configurable cluster-level resiliency
- » Health monitoring
- » Full hardware configuration and management
- » Workflow based Ceph management

### Ceph

- » Compatible with clusters running Ceph
- » Interfaces for file, block, and object storage
- » Support for OpenStack, Kubernetes, VMware and HyperV
- » Interfaces for file, block, and object storage



## Take HyperDrive<sup>®</sup> for a Test Drive

Try out a HyperDrive cluster in your environment for 90 days – no long term commitment necessary.

[softiron.com/testdrive](https://softiron.com/testdrive)

# Product Specifications

Model	HM11000
Model Type	Management Node
Networking	2x NICs (10GbE, 25GbE)
Data Resiliency	Provided via redundant NICs
Storage Protocols	Manages Ceph using Ceph Commands
Management	1x 1GbE, IPMI, HyperDrive Management Web Interface
Power Supply	Redundancy Power (Dual Supplies) 120v-240v 50Hz-60Hz
Power Consumption	< 100 watts
Dimensions	H 43.7 mm / 1.72 inches W 429 mm / 16.9 inches L 637 mm / 25.1 inches
Weight	9.5 kgs / 21 lbs



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