

RACK-MOUNT SYSTEM

ELS4000

High-Capacity Enterprise Optical Library

High-capacity preservation
in a 20U enterprise
platform.

ELS4000 increases media density while retaining the same automated nearline preservation architecture and unified oRain management model.

**4,032**

maximum media

Up to 12

drives

2.616 PB

with 1TB media

20U

rack footprint

WHERE IT FITS



For Active Archive, performance storage and nearline preservation work together. For preservation-only deployments, cache can be cleared after successful optical preservation.

BUILT FOR

- Enterprise preservation and tiered storage
- High-capacity Active Archive environments
- Large image, video, research and evidence collections
- Compliance and long-term information repositories

Technology changes. Information persists.

ELS4000

TECHNICAL OVERVIEW

Core specifications

Underlying model	HDL3600A
Cartridges / media	336 cartridges; 12 media each; 4,032 max
Magazines	14; 24 cartridges per magazine
Capacity	654 TB / 1,308 TB / 2,616 TB (200GB / 500GB / 1TB)
Drives	Up to 12
Power	110-230VAC 50-60Hz; 670W peak / 200W typical
Dimensions	17.7 x 35 x 43 in; 448 x 890 x 1100 mm
Rack / max weight	20U; 662 lb / 300 kg

INTEGRATION & MANAGEMENT

- S3-compatible object access
- oRain manages scale across multiple ELS systems
- Nearline preservation can coexist with additional offline copies
- Performance storage remains independent and workload-sized

PRESERVATION & RESILIENCE

- Write-once optical preservation
- Optical RAID 11+1 protection and recovery
- Intelligent sleep/power management
- Designed for resilient long-term storage at enterprise scale

ONE ELS FAMILY. ONE MANAGED ENVIRONMENT.

ELS systems can operate as preservation infrastructure or as the optical foundation of Active Archive. oRain provides a unified object and storage-management layer across systems.

Specifications are configuration-dependent and subject to final system design. Media capacities shown reflect supported media classes in current product specifications.