

Solution for Small to Medium Archives

Archives of any size require enterprise-level security, performance, preservation, and management. The NETArchive® for small to medium archives delivers those qualities with an integrated solution that supports up to 15TB of nearline storage with an unlimited capacity for management of offlined media.

The NA-S10U S Series library and drives are integral to the network attached system, and operate in synch with the Archive Management Software (AMS) and the Storage Management System (SMS) with RAID. Optimized for an office environment, all components are conveniently mounted in an optional desktop mini-rack or standard rack.

NA-S10U libraries support up to ten, protected 1.5TB media cartridges that prevent human contact with actual media. The cartridges are loaded into the library via a convenient pullout drawer that enables rapid access and exchange. Library robotics include a fully automated media transport assembly that moves cartridges between slots and drives.

Libraries are configured with up to two, high-performance ODA1 drives. The advanced optical drive design features a multi-platter loading mechanism and dual optical heads and channels for faster reads and writes. Drives directly connect with the SMS via Super Speed USB 3.0 communications, ensuring the fastest speeds possible.

An optional redundant power supply is available for high-availability.



NA-S10U Library - Mini Rack Configuration

NA-S10U Library Features

- Excellent solution for small to medium archives
- Compact size optimized for an office environment
 - No special environmental conditions required
 - Desktop mini-rack or standard rackmount options
- Highly reliable, fully automated robotics
- Supports 1 or 2 optical ODA1 Drives
- Optional redundant power supply for high availability
- Convenient pullout media drawer for fast loading and media exchanges
- Up to 15 TB near-line capacity with nearly unlimited offline media management
- SMS, AMS and Library components are fully integrated and automated for easy setup and operations
- SMS to Drives Connectivity - Super Speed USB 3.0
- Advanced optical drive design with dual optical heads and data channels
 - High speed 10K+RPM ensures fastest optical transfer speeds
 - Drives feature multi-platter loading mechanism



Convenient Pullout Drawer

Optimized for the office environment with convenient desktop mini-rack option.

NA-S10U Libraries

NA-S10 Library Specifications

Library Dimensions & Weight	
Dimensions W x H x D (excluding protrusions)	16.75" x 8.75" x 32.75" (424 x 220 x 830 mm)
Weight (lbs / kgs) (not including drive units & cartridges)	59 lbs 8 oz (27kgs)
Shipping Dimensions L x W x H (inches)	38" x 21.5" x 15" 965.2 x 546.1 x 381 mm
Shipping Weight (lbs / kgs)	67 lbs (30.39 kgs)
Library Power	
Operating Voltage (auto ranging)	100 to 240 VAC (50-60Hz)
Power Consumption	170 watts
ODA1 Drive Specifications	
Dimensions W x L X D (inches/mm) (excluding protrusion)	5.75" x 3.625" x 15.75" 146 x 84 x 398 mm
Weight (lbs / kgs)	8 lbs 13 oz (4kgs)
Shipping Dimensions L x W x H (inches)	21.5" x 11" x 9" 546.1 x 279.4 x 228.6 mm
Shipping Weight (lbs / kgs)	13 lbs (5.89 kgs)
Operating Voltage	12VDC
Power Consumption	20 Watts (average)
Data Transfer Speeds (Write Once 1.5TB Media)	
Write with verify	46 MB/s
Write without verify	91 MB/s
Read	141 MB/s
SMS Connectivity to Drives	
Super USB 3.0	640 MBps
System Environment	
Operating Temperature	50°F to 95°F (10°C to 35°C)
Operating Humidity (non-condensing)	20% to 80% RH
System Heat Dissipation (includes SMS and 2 drives)	1494 BTU/hr
Warranty	1 Year Warranty

NA-S10 Rack Specifications

19" Rack Mounted Dimensions (9U supports Library & SMS)	
Overall Dimensions (W x H x D)	23" x 18.75" x 36"
Overall Dimensions with optional castors (W x H x D)	23" x 19.75" x 36"
Weight (Rack Only)	125 lbs
Overall Rack Height	9U



NETArchive ODA1 Internal Drive

Notes:

- Ethernet cables supplied with SMS
- NA-S10 library ships with power cord (10')
- Utilizes NA1500WOBARX1 media cartridges
- Reference AMS and SMS datasheets for further details