The scalable architecture of the _NET_Archive® Enterprise libraries and drives enable businesses and organizations to implement an archiving system with the balance of capacity and performance required for preserving, securing, and accessing your valuable digital assets.

There are a variety of standard configurations from which to choose with a master library and an impressive maximum of up to 5 extension libraries and 18 drives. The master library integrates with other system components to complete the overall _NET_Archive solution including the Archive Management Software (AMS) and Storage Management System (SMS) with RAID. The rack mounted system components are designed to minimize robotics and moving parts increasing long-term reliability and conserving IT floor space.

Designed to handle very large archives up to 1.6 PB nearline storage with virtually limitless offline media management, the _NET_Archive Enterprise libraries and drives deliver groundbreaking performance. Libraries are equipped with fully automated robotics with 6-axis motion and a scalable media track. The advanced optical drive design features a multi-platter loading mechanism and up to 4 optical heads with 8 lasers and data channels for faster reads and writes. Drives connect with the SMS via high-speed fibre channel communications, offering the highest level of performance and reliability. Drives support up to 3.0TB media cartridges that prevent human contact with actual media.

Storage Management System

NA-S30 Master Unit
(Drives & Cartridges)

NA-S60 Extension
(Drives & Cartridges)

NA-S100 Extension
(Cartridges Only)

Enterprise Library Features

- High capacity & performance from 15TB to 1.6PB of nearline data in a single rack

- Flexible, scalable configurations adapt to any sized business or organization
  - NA-S30 Master Unit (required) provide foundation
  - NA-S60 & NA-S100 Optional Extension Libraries (up to five possible)
  - 11 Standard configurations available
  - Balance drive performance against storage capacity
  - Up to 18 ODA drives per system
  - Custom configurations available

- Space efficient modular rack mount components (205TB per square foot) - A/V Rack

- Highly reliable robotics with 6-axis motion

- Scalable robotics traverse the entire system through all libraries minimizing moving components and increasing reliability

- Optional redundant power supplies for high availability

- 8Gbps Fibre Channel connectivity to drives

- 3.0 TB (and 1.5 TB) Write Once Media Cartridges protecting media from exposure

- SMS, AMS and Library components are fully integrated and automated for easy setup and operations.

- Advanced optical drive design with 4 optical heads and 8 lasers and data channels
  - High speed 10K+RPM ensures fastest optical transfer speeds
  - Drives feature multi-platter loading mechanism

_NET_Archive Enterprise Libraries & Drives Deliver Groundbreaking Performance

S Series Enterprise Library Specifications

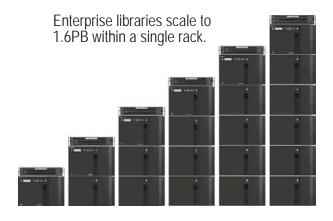|	NA-S30	NA-S60	NA-S100
Max Capacity in TB	90TB	183	303
Drives Min/Max	1/2	0/4	0
Total Cartridges	30	61	101
Library Size & Weight			
Weight (lbs / kgs) (not including drive units & cartridges)	66 lbs 2.2 oz (30kgs)		
Dimensions W x H x D (excluding protrusions)	17.625 " x 12.25" x 37.125" (445 x 308 x 940 mm)		
Library Shipping			
Shipping Weight (lbs/kg)	94 (42.6kg)	79 (35.8kg)	79 (35.8kg)
Shipping Dimensions LxWxH (inches/mm)	43" x 22" x 18.5" (1092.2 x 558.8 x 469.9 mm)		
Library Power			
Operating Voltage (auto ranging)	100 to 240 VAC (50-60Hz)		
Power (W)	312	300	N/A
ODA Drive Specifications	ODA1	ODA2	
Drive Weight (lbs / kgs)	8 lbs 13 oz (4kg)	10 lbs 9 oz (4.8kg)	
Drive Dimensions W x L X D (inches/mm) (excluding protrusion)	5.75" x 3.625" x 15.75" 146 x 84 x 398 mm	5.75" x 3.75" x 16.25" 146 x 95 x 413 mm	
Drive Shipping			
Shipping Weight (lbs/kg)	12 lbs (5.44kgs)	13.13 lbs (6.24kgs)	
Shipping Dimensions LxWxH (inches/mm)	21.5 "x 11" x 9" (546.1 x 279.4 x 228.6 mm)	21.5" x 11" x 9" (546.1 x 279.4 x 228.6 mm)	
Drive Power			
Operating Voltage (AC Adaptor supplied)	12 VDC	19.5 VDC	
Power (W)	20 (average)		
Drive Media & Data Transfer Speeds			
Media Capacity & Type	1.5TB WORM	3.0TB WORM	
Write with verify	46 MB/s	92 MB/s	
Write without verify	91 MB/s	182 MB/s	
Read	141 MB/s	282 MB/s	
Fibre Channel Connectivity	8 Gbps	8 Gbps	
System Environment			
Operating Temperature	50°F to 95° F (10°C to 35°C)		
Operating Humidity (non-condensing)	20% to 80% RH		
Heat Dissipation (18 drives & SMS Max BTU/per hour)	4605 BTU/hr		
System Warranty			
System Warranty	1 Year Warranty		

NETArchive ODA1 Drive

NETArchive ODA2 Drive

*NET*Archive Enterprise Configurations

Configuration #	Drives (Min/Max)	Cartridges Slots (Max)	Capacity (Max)
NA-S10	1/2	10	30 TB
NA-S30	1/2	30	90 TB
NA-S90	2/6	91	183 TB
NA-S130	2/2	131	393 TB
NA-S190	2/6	192	576 TB
NA-S250	2/10	253	758 TB
NA-S335	2/18	335	1005 TB
NA-S375	2/18	375	1.1 PB
NA-S415	2/14	415	1.2 PB
NA-S455	2/10	455	1.34 PB
NA-S495	2/6	495	1.45 PB
NA-S535	2/2	535	1.6 PB

Notes:
- ODA1 & ODA2 drives ship with Fibre Channel cable (3mm)
- Ethernet cables supplied with SMS
- NA-S30 & NA-S60 libraries ship with power cord (10')
- Redundant power supplies ship with power cord (10')
- Utilizes NA3300WOBARX1 media cartridges
- Reference AMS and SMS datasheets for further details

Enterprise libraries scale to 1.6PB within a single rack.