

# UDO Archive Appliance

## Network Attached Archival Storage



### About the Product

Combining the performance and simplicity of network-attached RAID with the longevity and authenticity of UDO, the UDO Archive Appliance establishes a new standard for Enterprise archival storage. The UDO Archive Appliance easily integrates with content management, email and imaging applications and enables organizations to deploy an archival storage strategy that meets their compliance and risk management requirements at a very low total cost of ownership.

FEATURE	BENEFIT	How we compare
<b>Access – NAS Server</b>	<ul style="list-style-type: none"> <li>- Easy to install, configure and manage</li> <li>- Appears as a network drive share in UNIX and Windows networks</li> <li>- A UDO Archive Appliance is up and running in only a few minutes.</li> </ul>	<ul style="list-style-type: none"> <li>- Integrated library and storage management software</li> <li>- Quickly plugs into most any IT network</li> </ul>
<b>Speed – RAID Cache</b>	<ul style="list-style-type: none"> <li>- All data written to the UDO Archive Appliance is cached on high performance RAID and then committed to UDO for long-term archiving, based on user-defined policies – presenting fast access to most recently read or written files. Supports up to 7 TB of usable cache</li> </ul>	<ul style="list-style-type: none"> <li>- Unlike tape, OPTICAL allows for random access and retrieval</li> <li>- RAID cache provides speeds equivalent to the fastest storage solutions</li> </ul>
<b>Longevity &amp; Authenticity – UDO</b>	<ul style="list-style-type: none"> <li>- UDO storage technology lies at the heart of the UDO Archive Appliance – providing true WORM (write once, read many) for 50+ years</li> </ul>	<ul style="list-style-type: none"> <li>- UDO Optical technology performs write verification, unlike tape/disk</li> <li>- Unlike software provides unmatched data authenticity</li> </ul>
<b>Control – Archive Software</b>	<ul style="list-style-type: none"> <li>- Preconfigured management software is optimized for archive environment</li> <li>- GUI interface simplifies administrator duties</li> </ul>	<ul style="list-style-type: none"> <li>- Advance feature sets include multiple archive volumes for better data administration and archive sharing</li> </ul>
<b>Scalability</b>	<ul style="list-style-type: none"> <li>- With system capacities ranging from 1TB to over 76TB, the UDO Archive Appliance can accommodate entry level to Enterprise Archive requirements</li> </ul>	<ul style="list-style-type: none"> <li>- Capacity can increase as archive demands grow, using expandable options</li> <li>- Libraries are field upgradable, providing most cost efficient storage options in the industry</li> </ul>
<b>Support</b>	<ul style="list-style-type: none"> <li>- Advanced remote monitoring and diagnostic features are standard with the UDO Archive Appliance, allowing Alliance Storage Technologies service engineers to quickly assess system, ensuring maximum uptime</li> </ul>	<ul style="list-style-type: none"> <li>- UDO Archive comes with a 1 year, onsite factory warranty and an optional 3 year/24x7 service level upgrade</li> <li>- Multiple support plans are available to support customer needs</li> </ul>

For more information regarding the UDO Archive Appliance, UDO Media and other Alliance Storage Technology products, please visit our website at [www.alliancestoragetechnologies.com](http://www.alliancestoragetechnologies.com), or contact a sales representative at 719-593-4425.



**UDO ARCHIVE APPLIANCE**

**Plasmon**

### About Alliance

Alliance Storage Technologies

storage solutions are used by

thousands of organizations

worldwide across a

variety of markets and

applications,

including medical,

financial,

government,

broadcast and

entertainment.

They are

available in a

complete range of

configurations to

meet the variety of

archive requirements –

from small businesses to

Fortune 500 corporations and

government agencies.

Features	Benefits
Permanence of UDO media	Dramatically lower total cost of ownership than disk-based archives
50-year media life	Unmatched longevity reduces frequency of data migrations and media maintenance
WORM media	Hardware-based, not software-based = not hackable or virusable Meets the highest regulatory standard for compliant record retention
Removability	Additional data protection that provides low cost, disaster recovery when stored offsite Media is bar-coded for effective shelf management
High-performance	RAID cache Fast read and write access for archive records
Multiple archive volumes	Increased usage of archive solution, without commingling data
CIFS, NFS, and FTP support	Operates in heterogeneous Windows and UNIX environments
Active directory and ACL support	Secure integration into Windows domains and simplified administration

## UDO Archive Appliance Technical Specifications

	AA16	AA32	AA80	AA174	AA164	AA238	AA438	AA638
Max/Min # slots	16/14	32/30	80/70	174/156	164/162	238/236	438/436	638/636
Backup media slots	2	2	2	2	2	2	2	2
Raw Capacity TBs	.96	1.9	4.8	10.4	9.8	14.3	26.3	38.3
Max/Min # Drives	2/1	2/2	4/2	6/2	6/2	6/2	6/2	6/2
Drive Increments	1	1	1	1	2	2	2	2
Usable RAID cache Min/Max	921GB/ 921GB	921GB/ 921GB	921GB/ 7TB	921GB/ 7TB	921GB/ 7TB	921GB/ 7TB	921GB/ 7TB	921GB/ 7TB
Max Power Requirements (W)	233	249	287	317	629	629	629	629
Max Heat Dissipation (BTU/hr)	360	370	405	427	1626	1626	1626	1626
Weight								
Max Config (lbs/kgs)	115/52	120/56	155/71	250/114	582/265	582/265	647/294	952/433
Shipping weight (lbs/kgs)	165	170	215	325	953	953	1108	1413
Dimensions								
Product (LxWxH) inches	32x12x31	32x12x31	32x18x31	32x18x55	35x28x76	35x28x76	35x35x76	35x42x76
Product (LxWxH) cm	81x30x79	81x30x79	81x46x79	81x46x140	89x71x193	89x71x193	89x89x193	89x107x193
Library Reliability (MSBF)	2,000,000	2,000,000	2,000,000	2,000,000	3,800,000	3,800,000	3,800,000	3,800,000
Robotics Access Time (sec)	7	7	7.3	8.3	6.2	6.2	6.3	6.4
Picker Type	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Import/Export Mail Slot	Single	Single	Single	Single	Single	Single	Single	Single
Bulk Load	n/a	n/a	n/a	n/a	10 disk	10 disk	10 disk	10 disk
Options	Windows/ Lights, Rackmount	Windows/ Lights, Rackmount	Windows/ Lights, Rackmount	Windows/ Lights	Redundant Power	Redundant Power	Redundant Power	Redundant Power
Number of Gbe ports	2	2	2	2	2	2	2	2
Mean Time To Repair (MTTR)	<4 hours	<4 hours	<4 hours	<4 hours	<4 hours	<4 hours	<4 hours	<4 hours
Operating Temperature	50-90F/ 10-32C	50-90F/ 10-32C	50-90F/ 10-32C	50-90F/ 10-32C	50-90F/ 10-32C	50-90F/ 10-32C	50-90F/ 10-32C	50-90F/ 10-32C
Operating Voltage (auto ranging)	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC

	AAE Rackmount	AAE Desktop
Max/Min # slots	1/1	1/1
Raw Capacity TBs	0.06	0.06
Max/Min # Drives	1/1	1/1
RAID Max/Min	921GB/921GB	921GB/921GB
Max Power Requirements (W)	280	250
Max Heat Dissipation (BTU/hr)	400	371
Weight		
Max Config (lbs/kgs)	35/16	42/19
Shipping weight (lbs/kgs)	59/27	55/25
Dimensions		
Product (LxWxH) inches	22x18x4	21x7x17
Product (LxWxH) cm	56x45x9	54x18x44
Number of Gbe ports	2	2
Mean Time To Repair (MTTR)	<1 hour	<1 hour
Operating Temperature (F)/(C)	50-104F/10-40C	50-104F/10-40C
Operating Voltage (auto ranging)	100 to 240 VAC	100 to 240 VAC

Alliance Storage Technologies offers the only enterprise-class active archive solution that ensures data permanence, authenticity, access, longevity and removability, at the low total cost of ownership that businesses demand.

Archive Without Compromise™.

Alliance is ISO 9001 certified.

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