

neoseries

NEO Series solutions provide backup, archive and disaster recovery of your digital assets. Based on the industry-leading LTO tape drive technologies, NEO Series solutions improve business efficiency, eliminate costly downtime and deliver the lowest cost of ownership of any storage technology. NEO Series combines large storage capacities with easy-to-use, highly reliable, cost-efficient platforms that protect data from fire, flood, hardware failure, cyber attacks, viruses, human error and disgruntled employees.



Tape Automation	NEOs StorageLoader			NEOs T24			NEOxl 40		NEOxl 80	
Summary	Entry-level tape autoloader			Compact tape library			Mid-sized scalable tape library with high reliability		Mid-sized scalable tape library with high reliability	
Best fit	Small business or remote location			Small/medium business			Medium business with rapidly growing storage requirements		Medium business with rapidly growing, demanding data storage requirements	
Buy this product if you need...	moderate storage capacity but have very limited resources			large storage capacity but have limited budget			flexible, high-performance, high-capacity storage		flexible, high-performance, high capacity, highly available storage	
Slots	8			24			40 per module		80 per module	
Drives	1			1-2			1-3		1-6	
Form factor	1U Rackmount			2U Rackmount			3U Rackmount		6U Rackmount	
Reliability	2.0M MSBF			2.0M MSBF			3.0M MSBF		3.0M MSBF	
Redundant PSU	No			No			Yes		Yes	
LTFS support	Yes			Yes			Yes		Yes	
Scalability	No			No			Up to 280-slots		Up to 560-slots	
Warranty	1 yr. OverlandCare Bronze Level						1 yr. OverlandCare Silver Level			
LTO technology	LTO-6 HH	LTO-7 HH	LTO-8 HH	LTO-6 HH	LTO-7 HH	LTO-8 HH	LTO-7 HH	LTO-8 HH	LTO-7 HH	LTO-8 HH
Interface	SAS/FC	SAS/FC	SAS	SAS/FC	SAS/FC	SAS/FC	SAS/FC	SAS/FC	SAS/FC	SAS/FC
Capacity (Comp. TB)	50	120	180*/240+	150	360	540*/720+	600/module	1200/module	1,200	1,800* / 2,400+
Performance (Comp. TB/hr)	1.4TB/hr.	2.7TB/hr.	2.7TB/hr.	2.9TB/hr.	5.4TB/hr.	5.4TB/hr.	8.1TB/hr.	8.1TB/hr.	16.2TB/hr.	16.2TB/hr.
Cost per TB**	\$23			\$10			\$5		\$4	

Tape Automation	LTO-6 HH	LTO-7 HH	LTO-8 HH
Summary	Industry standard for backup and archive		
Best fit	Remote offices or small businesses		
Buy this product if you need...	single-server/workstation backup and archive		
Interface	SAS/FC	SAS/FC	SAS/FC
Capacity (Comp. TB)	6.25	15	22.5* / 30+
Performance (Comp. TB/hr)	1.4	2.7	2.7
Speed matching (MB/sec)	54-400	101-750	112-750
Encryption	AES 256-bit		
LTFS support	Yes (free software)		
Warranty	3 yr. OverlandCare Bronze Level		

LTO Compatibility	LTO-6 HH	LTO-7 HH	LTO-8 HH
LTO-3			
LTO-4	R		
Media LTO-5	R/W	R	
LTO-6	R/W	R/W	
LTO-7		R/W	R/W
LTO-7M			R/W
LTO-8			R/W

Last line of defense in data protection: fire, flood, hardware failure, human error, software corruption or cyber attack.

* Logical Volumes are available in fixed or removable mode.
 ** Total performance is media and operation mode dependent.