

OVERLAND TANDBERG

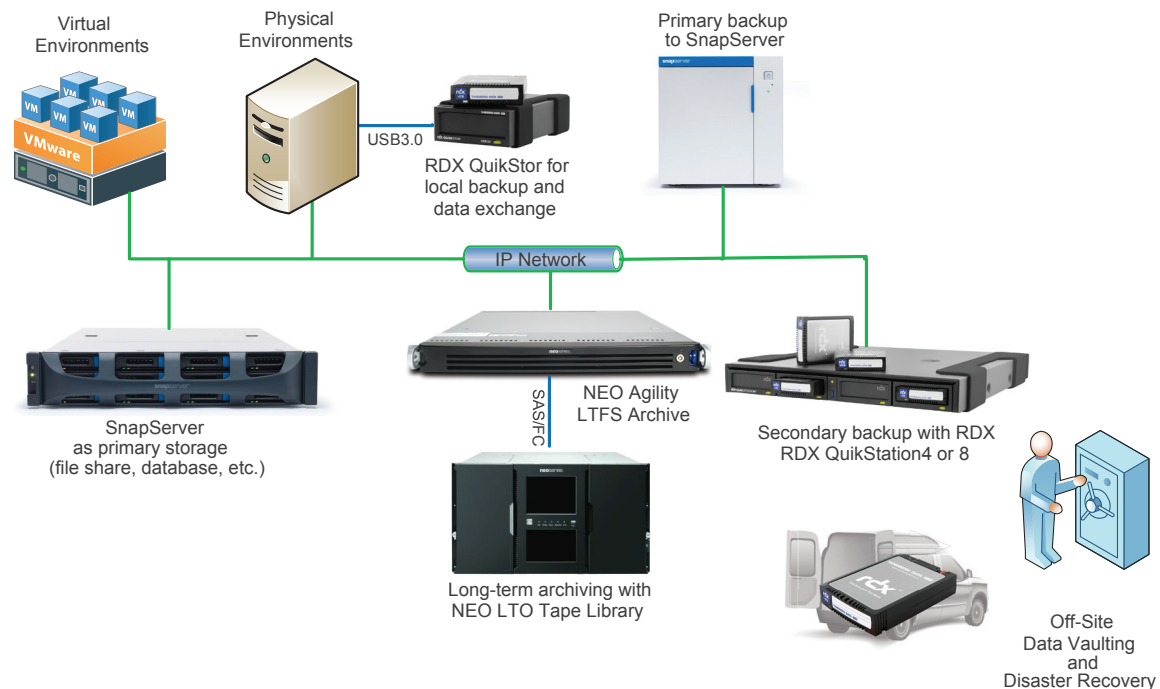
Data Storage Group

With over 1 million units deployed worldwide and over 30 years of technology leadership, the Overland-Tandberg Storage Group continues to develop proven technology that makes data management and data protection effortless. Businesses of all sizes and locations are faced with both the challenges of data storage growth and limitations in resources or expertise to deploy complicated and expensive systems.

Our entire line of data management and data protection solutions provide the benefits of simple yet fully featured online, nearline, offline and archival storage to meet business needs across the data lifecycle, without the typical drawbacks or high cost of ownership. Companies can focus on building their business instead of worrying about data growth, data loss or data management.

Overland-Tandberg's product portfolio consists of RDX removable disk, NEO Series LTFS and tape backup/archive, and SnapServer NAS storage. Our product suite is enhanced by dedicated global service and support that has been recognized for its outstanding levels of service.

Trusted and reliable storage, data management, backup and archive solutions



DATA STORAGE : DATA MANAGEMENT : DATA PROTECTION : BACKUP : ARCHIVE : COMPLIANCE : DISASTER RECOVERY : SECURITY : CLOUD

RDX Family

RDX® is the removable disk standard which provides a combination of portability and reliability with speed and simplicity that is unique in its backup appliance product class. The RDX product family is designed to provide an affordable and flexible platform for data storage, data protection and off-site disaster recovery for physical or virtual environments as well as in Hybrid-Cloud applications. Over the last 10 years, we have gained a million satisfied RDX customers in the SMB / SME business space verticals of Healthcare, Retail & Franchise, Government & Public Safety, Education, Telecom market, Automotive, Finance and many others.



Product	RDX QuikStor	RDX QuadPAK	RDX QuikStation 4	RDX QuikStation 8
Form factor	External / Internal 3.5" / 5.25"	1.5U rackmount	1U rackmount or desktop	2U rackmount
Best fit	Small Business and SOHO environments with no dedicated IT-personal which require easy data protection and off-site storage	Small business environments with servers and IT-equipment installed in a rack	Small and medium businesses with physical and virtual environments and the need for off-site storage and data transportation	Small and medium businesses with multiple servers or clients, virtual environments and off-site storage
Buy this product if you need...	...an affordable, reliable and bullet proof device for daily backup, archiving or data exchange External: for Desktop applications with your PC, Laptop, Server or NAS Internal: for Server and PC integration	...a 19" rack mount solution for 1- 4 RDX QuikStor drives	... network attached removable storage up to 16TB, or want to overcome the capacity limit of a single RDX media	...to replace obsolete tape auto loaders or need centralized RDX storage with a total capacity of 32TB
Connectivity	USB3+ or SATA III / USB 3.0	USB 3.0 and USB3+ drive dependent	iSCSI	
Performance	up to 330MB/s, depending on media and interface type	up to 260MB/s, drive and media dependent	2 x 1 Gigabit Ethernet speed	4 x 1 Gigabit Ethernet speed or 1 x 10 and 4 x 1 Gigabit Ethernet speed
Operational mode	Removable Disk Mode and Fixed Disk Mode for integration with Windows® Backup (Fixed Disk Mode USB interface only)		4 RDX removable and fixed disk drives, 1 Logical volume across all RDX drives**	8 RDX removable and fixed disk drives, 1 Logical volume across all 8 RDX drives** 2 Logical volumes across 4 RDX drives** Disk loader, tape automation and Hybrid
PowerEncrypt Hardware encryption	SATA III interface only*			
Standard warranty	3 yr. OverlandCare Bronze Level			

Product	HDD Media	WORM Media (HDD)
Form factor	Disk based removable media with rugged design to withstand drops, vibrations, electrostatic discharge and rough environments	
Buy this product if you need...	HDD:...to perform backup, restore, long term archiving tasks or move and exchange business data WORM...to archive data to meet regulatory and compliance requirements or need ransomware protection with RDX RansomBlock	
Capacity	500GB, 1TB, 2TB, 3TB, 4TB, 5TB	1TB, 2TB, 4TB
Load/Unload (min)	5,000 insertion/ removal cycles	
Supported filesystems	NTFS, FAT32, exFAT, ex2, ex3, ex4 and Mac OS Extended (HFS Plus)	
Media archive life	10 years	
Compatibility	Forward/backward compatibility to all RDX drives and systems	
Encryption	Software and hardware encryption capable	
Standard warranty	3 yr. OverlandCare Bronze Level	

* requires f/w support
** Logical Volumes are available in fixed or removable mode, as well as in protected or unprotected mode

NEO Tape Family

NEO Series solutions provide backup, archive and disaster recovery of your digital assets. Based on the industry-leading LTO tape drive and LTFS 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			NEOs T48			NEOxl 40		NEOxl 80		NEOxl 8000	
Summary	Entry-level tape autoloader			Compact tape library			Mid-sized 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 growing storage requirements			Medium business with rapidly growing storage requirements		Medium business with rapidly growing, demanding data storage requirements		Large business with massive data storage requirements	
Buy this product if you need...	moderate storage capacity but have very limited resources			large storage capacity but have limited budget			large storage capacity and redundancy			flexible, high-performance, high-capacity storage		flexible, high-performance, high capacity, highly available storage			
Slots	8			24			48			32 base modules, 40 expansion modules		80 base modules, 80 expansion modules		560	
Drives	1			1-2			1-4			1-3		1-6		42	
Form factor	1U Rackmount			2U Rackmount			4U Rackmount			3U Rackmount		6U Rackmount		42U Rackmount	
Reliability	2.0M MSBF			2.0M MSBF			2.0M MSBF			3.0M MSBF		3.0M MSBF		3.0M MSBF	
Redundant PSU	No			No			Yes			Yes		Yes		Yes	
LTFS support	Yes			Yes			Yes			Yes		Yes		Yes	
Scalability	No			No			No			Up to 272-slots		Up to 560-slots		No	
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-6 HH	LTO-7 HH	LTO-8 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	SAS/FC	SAS/FC	SAS/FC	FC	FC
Capacity (Comp. TB)	50	120	240	150	360	720	300	720	1,440	480 base / 600 exp.	960 base / 1,200 exp.	1,200	2,400	8,400	16,800
Performance (Comp. TB/hr)	1.4TB/hr.	2.7TB/hr.	2.7TB/hr.	2.9TB/hr.	5.4TB/hr.	5.4TB/hr.	5.8TB/hr.	10.8TB/hr.	10.8TB/hr.	8.1TB/hr.	8.1TB/hr.	16.2TB/hr.	16.2TB/hr.	113.4TB/hr.	113.4TB/hr.
Cost per TB*		\$23			\$10			\$7		\$5		\$4		\$3	

* Cost per TB is based on LTO-8 MSRP, divided by the highest compressed capacity configuration.



LTFS Appliance	NEO Agility
Summary	LTFS archive appliance
Best fit	Business needing to share and store large files
Buy this product if you need...	need the ease-of-access of disk and the cost effectiveness of tape
Form factor	1U Rackmount
Online capacity (Comp. TB)	360TB - 15PB
Offline capacity (Comp. TB)	Unlimited
Interface	SAS/FC
Encryption	No
LTFS support	Yes
Warranty	1yr. OverlandCare Silver Level



Tape Drives	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	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	Tape Drives LTO-7 HH	LTO-8 HH
Media	LTO-2		
	LTO-3		
	LTO-4	R	
	LTO-5	R/W	R
	LTO-6	R/W	R/W
	LTO-7		R/W
LTO-8			R/W

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

SnapServer NAS Family

SnapServer family offers enterprise class unified block and file storage that is workload optimized and is scalable up to ~ 1.1PB. SnapServer powered by GuardianOS has over 300,000+ enterprise deployments and is used by more than half of the Fortune 500. It has been honored with more than 80 industry product awards. SnapServer provides high performance snapshots, ability to easily mix and match drives with DynamicRAID, and grow and shrink volumes with Thin provisioning. Features also include disaster recovery solution at no additional cost with Snap Encrypted Continuous Replication (Snap ECR) and certification with a number of leading 3rd party backup software including VEEAM, Backup Exec and NetBackup.



	SnapServer XSD40	SnapServer XSR40	SnapServer XSR120	SnapServer Hybrid Flash Array	SnapServer All-Flash Array
Product summary	Easy to use desktop storage system for small offices with powerful features	Mid-range, scalable unified storage system with enterprise class features	Enterprise class, high-performance, scalable, unified storage system with resiliency and ease of management	Supports mixing and matching SSD, SAS and SATA drives to optimize performance requirements of multiple applications simultaneously	Enterprise class storage system with SSD drives for highest performance
Best fit	Small office environments and workgroups	Small-medium businesses with less than 100 users with growing storage needs	Dynamic business storage environments with 100-500 users and significant data growth	General purpose storage and server virtualization and/or virtual desktop infrastructure (VDI)	Business-critical applications such as databases, virtual desktop infrastructure (VDI), On-Line Transaction Processing, and Real-Time analytics
Buy this product if you need...	...storage for sharing data for small and remote offices with easy management and replication of data between locations for disaster recovery	...storage for sharing data for small to medium business locations with easy expansion and management and replication of data between locations for disaster recovery	...storage for file sharing, backup and virtualization; Including simple expansion with DynamicRAID and a provisioning free storage experience	...to balance performance, capacity and cost	...high-performance and need to meet low latency requirements
Capacity	Up to 48TB	Up to 480TB	Up to 1.15PB		
Expansion units	No	Yes, up to 3 total	Yes, up to 7 total		
Form factor	Desktop	1U rackmount	2U rackmount		
No. drives supported	4	4	12		
Drive types supported	SATA: 1TB, 2TB, 4TB, 6TB, 8TB Enterprise SATA: 1TB, 2TB, 4TB, 6TB, 8TB, 10TB	SATA : 1TB, 2TB, 4TB, 6TB, 8TB, 10TB, 12TB Enterprise SATA: 1TB, 2TB, 4TB, 6TB, 8TB, 10TB, 12TB	15K SAS: 300GB, 600GB 10K SAS: 300GB, 600GB, 900GB, 1.2TB, 1.8TB Enterprise SATA: 1TB, 2TB, 4TB, 6TB, 8TB, 10TB, 12TB SSD: 480GB, 960GB, 1,92TB		
Raid levels	Traditional RAID - 0, 1, 5, 6, 10 / DynamicRAID - Single or Dual Parity				
SnapShots/Replications	High Performance Snapshots				
Connectivity options	<ul style="list-style-type: none"> • 2 x 1GbE included • Expandable up to 4 x 1GbE 		<ul style="list-style-type: none"> • 2 x 1GbE included • 2 x 10GbE optional • Expandable up to 10 x 1GbE or 6 x 1GbE + 2 x 10GbE 		
Standard warranty	3 yr. OverlandCare Bronze Level				
ISCSI support	Yes				

SnapCLOUD	
Product summary	SnapCLOUD is a hybrid-cloud ready virtual NAS appliance built on Microsoft Azure with enterprise class data management capabilities
Best fit	Deploy a simple, easy to manage hybrid-Cloud (on-premise and public cloud) storage
Buy this product if you need...	...unified data manageability, access control, and replication between your on-premise and public cloud storage

Sales and support for Overland/Tandberg products and solutions are available in over 90 countries.

Contact us today at sales@overlandstorage.com or sales@tandbergdata.com

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