

Next Generation Virtualization and Data Management Solutions

With over 450,000 installations worldwide, Overland Storage 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 with SnapScale clustered NAS, SnapServer NAS, NEO Series tape libraries, and RDX removable disk product lines combined with dedicated global service and support. In addition, virtual desktop environments can be implemented with the powerful V3 solutions.

Overland Storage Disk Products

					
	SnapScale X4	SnapScale X2	SnapServer XSR120	SnapServer XSR40	SnapServer XSD40
Product Summary	High density clustered NAS for limitless scalability	High scalability with exceptional management features	Flexible unified storage system with NAS and iSCSI connectivity	Entry level scalable unified storage system with enterprise class features	Easy to use desktop storage system for small offices with powerful features
Best Fit	Businesses with high density storage needs for unstructured data and backup	Dynamic business environments with unpredictable data growth	Dynamic business storage environments with 100 - 500 users	Small businesses < 100 users with growing storage needs	Small office environments and workgroups
Buy This Product if you need...	... highly scalable storage maximizing storage rack utilization for file sharing, database hosting and virtual machines.	... highly scalable storage with a single global namespace for simple management of unstructured data.	... storage for file sharing, backup and virtualization; Including simple expansion with DynamicRAID and a provisioning free storage experience.	... protection while sharing data for small to medium business locations with easy expansion and management and replication of data between locations for disaster recovery.	... protection while sharing data for small to medium business locations with easy expansion and management and replication of data between locations for disaster recovery.
	Capacity	72TB - 512PB	24TB - 512PB	Up to 768TB	Up to 320TB
Expansion Units	Expandable with additional nodes		Yes, up to 7 total	Yes, up to 3 total	No
Form Factor	12U rackmount (4U X 3 minimum cluster size)	6U rackmount (2U X 3 min. cluster size)	2U rackmount	1U rackmount	Desktop
No. Drives Supported	36	12	12	4	4
Drive Types Supported	NL-SAS: 2TB, 4TB, 6TB, 8TB		Enterprise SATA: 1TB, 2TB, 3TB, 4TB, 5TB, 6TB, 8TB SSD: 120GB, 240GB, 480GB, 600TB	SATA: 1TB, 2TB, 3TB, 4TB, 5TB, 6TB Ent. SATA: 1 TB, 2TB, 3TB, 4TB, 5TB, 6TB, 8TB	SATA: 1TB, 2TB, 3TB 4TB, 5TB, 6TB
RAID Levels	RAIN: 2-way or 3-way drive redundancy		Traditional RAID – 0, 1, 5, 6, 10 DynamicRAID – Single or Dual Parity		
SnapShots/Replications	Snapshots included		High Performance Snapshots		
Connectivity Options	• 4 x 1GbE per node • 4 X 10GbE per node • 2 X 10GbE and 2 X 1GbE per node		• 2 x GbE included • up to 6x GbE • 2x 10GbE optional	• 2 x GbE	
Standard Warranty	1-year OverlandCare Silver		3-year OverlandCare Bronze		
iSCSI support	X	X	X	X	X

Tape Products

	 NEO 8000e	 NEOxl 80	 NEOs T48	 NEOs T24	 NEOs StorageLoader
Product Summary	Scalable, high-capacity automated backup/archive		Affordable, easy-to-use backup and archive delivered in a compact form factor		
Best Fit	Very large, data-intensive businesses needing high-availability backup and archive of mission critical data	Large businesses with high-performance, high-capacity data storage needs	Mid-sized businesses with moderately growing data storage requirements	Small businesses or remote locations with growing data storage requirements	Budget-constrained small businesses or remote locations with moderate data storage requirements
Buy This Product If...	... you require enterprise-grade backup and archive features and functionally	... you need flexible, robust, high-capacity backup and archive capabilities for your rapidly changing IT environment	... you need basic backup and archive capabilities with room to grow		... you have a limited budget but need to efficiently and reliably backup important corporate data
Capacity	150TB - 7.5PB	120TB - 8.4PB	72TB - 720TB	36TB - 360TB	12TB - 120TB
Performance	504GB/hr - 32.4TB/hr	504GB/hr - 16.2TB/hr	504GB/hr - 10.8TB/hr	504GB/hr - 5.5TB/hr	504GB/hr - 2.7TB/hr
# Cartridge Slots (per module)	Up to 500	80	48	24	8
# of Drives (per module)	Up to 12	Up to 6	Up to 4	Up to 2	1
# of Modules	2	7	n/a	n/a	n/a
Form Factor	43U rack	6U rackmount	4U rackmount	2U rackmount	1U rackmount
Drive Support	LTO7, LTO6, LTO5		LTO7, LTO6, LTO5		
Speed/Capacity Comparison Between LTO Generations	LTO7 capacity: 6TB/cartridge (native) LTO7 speed: 300MB/s per drive (native) LTO6 capacity: 2.5TB/cartridge (native) LTO6 speed: 160MB/s per drive (native) LTO5 capacity: 1.5TB/cartridge (native) LTO5 speed: 140MB/s per drive (native)		LTO7 capacity: 6TB/cartridge (native) LTO7 speed: 300MB/s per drive (native) LTO6 capacity: 2.5TB/cartridge (native) LTO6 speed: 160MB/s per drive (native) LTO5 capacity: 1.5TB/cartridge (native) LTO5 speed: 140MB/s per drive (native)		
Network Interface	6Gb SAS, 8Gb FC		6Gb SAS, 8Gb FC		
Backup Software Support	http://www.overlandstorage.com/NEO-Compatibility-Guide		http://www.overlandstorage.com/NEO-Compatibility-Guide		
Standard Warranty	1-year OverlandCare Silver Level		1-year OverlandCare Bronze Level		

	LTO5 Drive	LTO6 Drive	LTO7 Drive
LTO4 Media	Read/Write	Read Only	Not Compatible
LTO5 Media	Read/Write	Read/Write	Read Only
LTO6 Media	Not Compatible	Read/Write	Read/Write
LTO7 Media	Not Compatible	Not Compatible	Read/Write



Removable Disk Products

	 RDX QuikStor	 RDX QuikStation 8	 RDX QuikStation 4
Product Summary	Disk based removable media system	iSCSI attached removable disk array	
Best Fit	Small Businesses and SOHO environments with no dedicated IT-personal which require easy data protection and off-site storage.	Small and medium businesses with multiple servers or clients and virtual environments and off-site storage.	Small and medium businesses with physical and virtual environments and the need for off-site storage and data transportation.
Buy This Product If...	 you need an affordable easy to use and easy to handle device for daily backup, archiving or data exchange.	... you need central removable storage, replace obsolete tape autoloaders and need storage for virtual environments.	... you need removable storage, or want to overcome the capacity of a single RDX media
Capacity	max. 4TB according to media	max. 32TB according to media	max. 16TB according to media
Performance	Up to 330MB/s according to media and interface type	4 x 1 Gigabit Ethernet speed or 1 x 10 and 4 x 1 Gigabit Ethernet speed	2 x 1 Gigabit Ethernet speed
# of Drives	1	8	4
Form Factor	External desktop or internal with 3.5" or 5.25" bezel	2U rackmount	1U rackmount or desktop
Connectivity	External: USB 3.0 and USB3+ Internal: SATA III and USB 3.0	iSCSI	
Media Support	HDD, SSD, WORM	HDD, SSD, WORM, also mixed configurations	
Read/Write Compatibility	Forward/backward compatibility to all RDX drives and systems		
Media Capacities	HDD capacities: 500GB, 1TB, 2TB, 3TB and 4TB SSD capacities: 128GB and 256GB WORM capacities: 500GB and 1TB		
Operational Mode	Removable Disk and Fixed Disk	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	4 RDX removable and fixed Disk Drives, 1 Logical Volume across all RDX drives*
Backup Software Support	http://www.tandbergdata.com/default/assets/File/PDFs/TD_SoftwareCompatibilityList.pdf		
Standard Warranty	3-years OverlandCare Bronze Level (Advanced Replacement Service)		

* Logical Volumes are available in fixed or removable mode, as well as in protected or unprotected mode

	 HDD Media	 SSD Media
Product	Disk based removable media with rugged design to withstand drops, vibrations, electrostatic discharge and rough environments.	
Form Factor	Disk based removable media with rugged design to withstand drops, vibrations, electrostatic discharge and rough environments.	
Buy This Product If...	... you want to perform backup, restore, long term archiving tasks or move and exchange business data.	... you need fast data transfer and/or reliable media for harsh environments.
Capacity	500GB, 1TB, 2TB, 3TB and 4TB	128GB and 256GB
Load/Unload (min)	5,000 insertion/ removal cycles	
Supported Filesystems	NTFS, FAT32, exFAT, ex2, ex3, ex4 and Mac OS Extended (HFS Plus)	
Drop Shock (non-op.)	1m to concrete floor	1.5m to concrete floor
Vibration	0.5G (operating), 1.0G (non-operating)	max. 20.0G (non-operating)
Media Archive Life	10 years	> 1 year
Compatibility	Forward/backward compatibility to all RDX drives and systems	
Standard Warranty	3-years OverlandCare Bronze Level (Advanced Replacement Service)	

	 V3 Knowledge Worker Appliances	 V3 Business Graphics Worker Appliances	 V3 Professional Graphics Worker Appliances
Product Summary	The V3 Appliance is a hyper-converged turn-key infrastructure that integrates compute, storage, network interface, hypervisor infrastructure, and powerful management software.		
Best Fit	3 or more applications open Uses productivity applications like MS Office Uses Multiple browser windows	Higher-end knowledge workers need additional graphic compute power at times for viewing digital content	uses 3D CAD-CAM software for designing, modelling & rendering Creates motion graphics Works with very large files
Buy This Product If...	... you need to dramatically simplify, streamline and cost-reduce your infrastructure administration while improving the quality of user experience and shortening data access time.		
Concurrent Users	64, 120 or 200*	64, 96 or 128*	8 or 16*
System Scalability	Up to 10,000 Desktops		
Memory	192GB, 256GB or 512GB*	192GB, 256GB or 320GB*	192GB or 384GB*
Power Supply	2 x 2000W AC		
Cooling	Redundant Hotswap Cooling Fans		
Storage	2TB, 3TB or 4TB Solid State Storage*		2TB or 4TB Solid State Storage*
Connectivity	4 x 1GbE, 2x 10GbE		
Processors	Intel Xeon E5-2600 v3 (16 cores, 2.4GHz, 24 cores, 2.3GHz or 28 cores, 2.6GHz*)	Intel Xeon E5-2600 v3 (24 cores, 2.3GHz)	Intel Xeon E5-2600 v3 (8 cores, 3.5GHz, 16 cores, 3.2GHz 28 cores, 2.6GHz or 36 cores, 2.3GHz*)
Standard Warranty	1 Year Advanced Parts Replacement w/ 2 day delivery, 9x5 telephone support		

* depend upon selected model

	 GW2000 Appliance
Product Summary	The GW2000™, powered by Glassware 2.0, is a hyper-converged application virtualization appliance providing a complete end-to-end solution for optimizing and simplifying application delivery to any device.
Best Fit	Distributed Enterprises with off-site stuff with various platforms like iPads, Chromebooks or Smartphones which need to access various applications
Buy This Product If..	...you need to simplify your IT-infrastructure and want to bring your applications into the cloud
Concurrent Users	Up to 100
Applications	Up to 4 applications per appliance
Clustering	Up to 4 appliances per cluster
Memory	32GB DDR3 @1333MHz
Software	Glassware 2.0 Containerization Technology Sphere MESTRO Virtual Application Orchestrator
Storage	4 x 1TB SATA Disk
Processors	Dual Intel XEON e3-1220v2@ 3.10GHz
Guest OS Versions	Virtualize applications written for Windows 2000 Pro, Window XP, Windows Vista (all editions), Windows 7 Professional, and Windows Server 2000, 2003 and 2008
Client Access	Via HTML-5 supported browsers (Internet Explorer, Firefox, Chrome, Opera, Safari) Java client on supported browsers (Internet Explorer, Firefox, Chrome, Opera, Safari) IOS client (IPAD only)
Standard Warranty	1 year OverlandCare Silver
Software Assurance	Software support and upgrade subscriptions available on annual basis

Software Technology

	Application Virtualization	Data Manager	Storage Manager	VDI Manager	Data Sync & Share	Virtual Storage
Product	Glassware	AccuGuard	Snap Enterprise Data Replicator	Desktop Cloud Orchestrator	SnapSync	SnapCloud
Summary	Makes it simple to take any software application from the last thirty years and move it to a server, either in your office or in the cloud. It then provides you with access to that software from any device – All without you ever having to write or translate any code.	Delivers reliable, automated backup and recovery utilizing a powerful data deduplication engine. This allows 20 times more storage 10X as fast compared to traditional backup methods.	An Enterprise-class management, configuration, and reporting platform for building simple or complex remote data management solutions for even the largest organizations.	Provides a simple user-friendly interface providing the ability to manage thousands of virtual desktops.	With SnapSync you can sync data across SnapServers, desktop systems, and mobile devices with automatic updates across all devices simultaneously.	With both block and file level access and cross-platform compatibility, it is unique in unifying data manageability, access control, and replication between physical data center and public cloud enabling a hybrid cloud architecture.

Sales Offices

Sales and support for Sphere 3D products and solutions are available in over 90 countries. Contact us today at sales@sphere3d.com. For a full list of Sphere 3D addresses and phone numbers, please see our website at: <http://sphere3d.com/contact-us/>.

To contact a representative call:

Americas: 1 858 571 5555

Canada: 1 416 749 5999

Asia Pacific: +65 6818 9266

Japan: +81 3 5475 2140

Germany / France: +49 231 5436 0

United Kingdom: +44 1 189 89 8000 DSOC-EMEA-0616-01