

RDX Family Overview

RDX[®] is the removable disk standard which combines the portability and reliability of tape-based technology with the speed and simplicity of a hard disk drive. 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.

RDX QuikStor Drives			
Product	RDX QuikStor external Drive	RDX QuikStor internal Drive	RDX QuikStor internal Drive
Form Factor	External desktop	Internal with 3.5" bezel	Internal with 5.25" bezel
Best Fit	Small Business and SOHO environments with no dedicated IT-personal which require easy data protection 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		
Connectivity	USB3+	SATA III and USB 3.0	
Performance	up to 260MB/s, depending on media type	up to 330MB/s, depending on media and interface type	
Operational mode	Removable Disk Mode and Fixed Disk Mode for integration with Windows [®] Backup (Fixed Disk Mode USB interface only)		
Hardware Encryption	SATA III interface only*		
Part-No. Bare Drives	8782-RDX: USB3+	8785-RDX: USB3.0 8812-RDX: SATA III	8636-RDX: USB3.0 8813-RDX: SATA III
Part-No. Drive Kits**	8863-RDX: 500GB 8864-RDX: 1TB 8865-RDX: 2TB 8866-RDX: 4TB		
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

Power Supplies	
Interface	12V/1.25A
Usage	External RDX Drive
Connector Type	Power cables for 4 countries
Part-No.	US power cable: 1022238 JP power cable: 1022239 EU power cable: 1022240 UK power cable: 1022241

Rackmount and Removable Disk Appliances			
Product	RDX QuadPAK	RDX QuikStation 4	RDX QuikStation 8
Form Factor	1.5U rackmount	1U rackmount or desktop	2U rackmount
Best Fit	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 a 19" rack mount solution for 1-4 RDX QuikStor Drives	... you need network attached removable storage, or want to overcome the capacity limit of a single RDX media	...you want to replace obsolete tape auto-loaders or need centralized RDX Storage.
Connectivity	USB 3.0 and USB3+, Drive dependent	iSCSI	
Performance	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
Capacity	Dependent on number of installed drives	4 RDX Media	8 RDX Media
Media Support	HDD, SSD, WORM		
Operational mode		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
Part-No.	3800-RAK	8920-RDX: rackmount version 8922-RDX: desktop version	8930-RDX: 4x 1GbE 8940-RDX: 1x 10 and 4x 1GbE
Redundant Power		Part-No. 8991-RDX	
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

* requires f/w support
 ** includes USB3+ Drive and Media
 *** Logical Volumes are available in fixed or removable mode, as well as in protected or unprotected mode

Media			
Product	HDD Media	SSD 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 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.	... you need to archive data to meet regulatory and compliance requirements.
Capacity	500GB, 1TB, 2TB, 3TB, 4TB	128GB and 256GB	500GB and 1TB
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	1m to concrete floor
Vibration	0.5G (operating), 1.0G (non-operating)	max. 20.0G (non-operating)	0.5G (operating), 1.0G (non-operating)
Media Archive Life	10 years	> 1 year	10 years
Compatibility	Forward/backward compatibility to all RDX drives and systems		
Part-No.	8541-RDX: 500GB 8586-RDX: 1TB 8731-RDX: 2TB 8807-RDX: 3TB 8824-RDX: 4TB	8663-RDX: 128GB 8664-RDX: 256GB	8658-RDX: 500GB 8662-RDX: 1TB
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

Cables					
Interface	USB 3.0			USB 3+	USB 2.0
Usage	Internal	Internal/External	External	Y-Type External	Internal
Connector Type	2x10 pin to Type B 	Type A to Type B 	Type A to Type B 	2x Type A to Type B 	Type B to 2.54 Pitch 5PIN housing
Length	810mm	800mm	2m	1.5m	810mm
Part-No.	1020916	1020070	1020044	1021742	433820

Software			
Product	rdxLOCK	RDx Utility	RDx Cartridge Encryptor
Type	Windows software for managing WORM license keys and WORM retention times	Windows utility for firmware upgrades and to change operational mode	Windows encryption software
Use this Product if ...	... you need to archive data to meet regulatory and compliance requirements.	.... you use Windows. Required to ensure proper media eject operation and switching device mode to ensure functionality for Windows backup.	.... you need encryption for data transportation and archiving.
Highlights	<ul style="list-style-type: none"> - Free download - Free 60 days trial - Provides WORM data protection on RDX media - Transparent archive application integration (DMS or ECM) - Definable WORM retention time - Verified Retention Clock for RDX WORM media 	<ul style="list-style-type: none"> - Free download - Provides better integration with Windows Explorer - Allows the use of the Windows Backup Utility and system backups - Compatibility with all RDX cartridge generations and capacities - Compatibility with Tandberg Data RDX QuikStor and QuikStation products 	<ul style="list-style-type: none"> - Free download - Industry-standard AES 256-bit encryption - Secure erase overwrite technology - Crypto deletion of keys - Compatibility with all RDX drive and cartridge generations and capacities - Compatibility with Tandberg Data RDX QuikStor and QuikStation products

SnapServer NAS Storage Systems			
Product	SnapServer XSD40	SnapServer XSR40	SnapServer XSR120
Form Factor	Desktop	1U rackmount	2U rackmount
Buy this Product if ...	... you need to protect and share data at small to medium business locations.	... you need to protect and share data at small to medium business locations which require easy capacity expansion.	... you need storage for file sharing, backup and virtualization including simple expansion for medium enterprises.
Capacity	up to 32TB	up to 400TB	up to 960TB
Drive Types	SATA III	SATA III	SATA III, SAS 3.0, SSD
Highlights	<ul style="list-style-type: none"> - Integrated scheduled backup routine to RDX QuikStor - Build in replication and disaster recovery with Snap ECR and Snap EDR - Dynamic RAID and thin provisioning for easy expansion - Unified storage for multiple platform support - Enterprise file sync & share with SnapSync™ 		
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

*Software WORM solution: Requires rdxLOCK software, license supplied with WORM Media

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/>.

P/N 1021922 Rev D

©2016 Sphere 3D. All trademarks and registered trademarks are the property of their respective owners. The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind. Sphere 3D shall not be liable for technical or editorial errors or omissions contained herein.