RDX Family Overview

TANDBERG DATA

A SUBSIDIARY OF **Sphere3D**

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

	RDX QuikStor external Drive	RDX QuikStor internal Drive	RDX QuikStor internal Drive
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	8660-RDX: USB3.0 8782-RDX: USB3+	8785-RDX: USB3.0 8812-RDX: SATA III	8636-RDX: USB3.0 8813-RDX: SATA III
Part-No. Drives w. SW*	8667-RDX: USB3.0 8781-RDX: USB3+		8666-RDX: USB3.0 8811-RDX: SATA III
Part-No. Drive Kits**	8787-RDX: 500GB 8788-RDX: 1TB 8789-RDX: 2TB 8847-RDX: 4TB		
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

* includes AccuGuard Server for RDX Backup Software
** includes USB3+ Drive, AccuGuard Server for RDX Backup Software plus Media
*** requires f/w support

Rackmount and Removable Disk Appliances

	RDX QuadPAK	RDX QuikStation 4	RDX QuikStation 8
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 autoloaders 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 1GB Ethernet 8940-RDX: 1 x 10 and 4 x 1 GB Ethernet
Redundant Power		Part-No. 8991-RDX	
Standard Warranty	3-years Return to Base (1st yr Adv. Repl.)	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

Media

	HDD Media	SSD Media	WORM Media (HDD)*
Product	HDD Media	SSD Media	WORM Media (HDD)*
Form Factor	Disk based removable media with rugged design to withstand drops, vibrations, electrostatical 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 and 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
Part-No. Drive Kits**	8787-RDX: 500GB 8788-RDX: 1TB 8789-RDX: 2TB 8847-RDX: 4TB		
Standard Warranty	3-years OverlandCare Bronze Level (Advanced Replacement Service)		

*Software WORM solution: Requires rdxLOCK software, license supplied with WORM Media
**includes USB3+ Drive, AccuGuard Server for RDX Backup Software plus Media

rdx® + READY

Software and Accessories

	AccuGuard™		rdx® LOCK
Product	**AccuGuard Server for RDX**	**AccuGuard Enterprise for RDX**	**rdxLOCK**
Type	Windows backup software for single server	Windows backup software for single and multiple servers and clients	Windows software for managing WORM license keys and WORM retention times
Buy This Product If...	.... you need an automated and easy to use backup and disaster recovery solution for a single computer with RDX.	.... you need a backup and disaster recovery solution for single, multiple servers and clients with RDX with enterprise functionalities.	... you need to archive data to meet regulatory and compliance requirements.
Highlights	- 20:1 data deduplication - Bare Metal Recovery - Microsoft SQL & Exchange Protection - Protection of Network Shares - Browsable Backups - Drag and Drop Restore - Point-in-Time Recovery - RDX® Media Manager - Email Notification	- Client Server Backup - Source based Deduplication - Global Deduplication - Scale as you grow - RDX and any Disk Backup Targets - Backup Copy Jobs - Flexible Data Retention - Agentless Client Backup - File verification	- 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
Part-No.	5003-ACC Free 30 days trial	5013-ACC: Manager License 5014-ACC: add-on Server License 5017-ACC: 10x add-on Desktop Licenses Free 30 days trial	Free Download Free 60 days trial

	RDX Utility	RDX Cartridge Encryptor
Product	**RDX Utility**	**RDX Cartridge Encryptor**
Type	Windows utility to for firmware upgrades and to change operational mode	Windows encryption software
Use This Product If...	.... 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	- 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	- Free download - Industry-standard AES 256-bit encryption - Secure erase overwrite technology - Crypto deletion of keys - Compatibility with all RDX drive generations - Compatibility with all RDX cartridge generations and capacities - Compatibility with Tandberg Data RDX QuikStor and QuikStation products

	Cables				Power Supply
Interface	USB3.0		USB3+	USB2.0	12V/1A
Usage	Internal	Internal/External	External	Y-Type External	Internal	External RDX Drive
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	Connector types for seven countries
Length	810mm	800mm	2m	1.5m	810mm	1.8m
Part-No.	1020916	1020070	1020044	1021742	433820	1020563

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