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, FIPS 140-2 validated	
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		
FIPS 140-2 Security Label Set		Optional, needed for validation of tamper evident for FIPS 140-2 (part. no. 1022445)	
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

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	4 x 1 Gigabit Ethernet speed	2 x 10 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 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	8943-RDX
Redundant Power			Part-No. 8993-RDX
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)		

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

Power Supply

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

RDX TENCASE

Usage	Water and dust proof robust flight case for storing up to 10 RDX media
Part-No.	1022291

Media

Product	HDD 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 to archive data to meet regulatory and compliance requirements or want protection against ransomware attacks.
Capacity	500GB, 1TB, 2TB, 3TB, 4TB, 5TB	1TB, 2TB and 4TB
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	
Vibration	0.5G (operating), 1.0G (non-operating)	
Media Archive Life	10 years	
Compatibility	Forward/backward compatibility to all RDX drives and systems	
Part-No.	8541-RDX: 500GB 8807-RDX: 3TB 8586-RDX: 1TB 8824-RDX: 4TB 8731-RDX: 2TB 8862-RDX: 5TB	8868-RDX: 1TB 8669-RDX: 2TB 8870-RDX: 4TB
Standard Warranty	3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)	

Software

Product	rdxLOCK with WORM and RansomBlock feature	RDX Manager
Type	Windows software for managing WORM and RansomBlock functionalities	Software utility for Windows and Mac to manage hardware encryption**, firmware upgrades and to change RDX drive operation mode
Use this Product if ...	... you need to archive data to meet regulatory and compliance requirements or want protection against ransomware attacks.	.... you use Windows or Mac. Required to ensure proper media eject operation and switching device mode to ensure functionality for Windows backup.
Highlights	- Free download and 60-day trial - Provides WORM data protection on RDX media, certified by KPMG and SEC and CFTC compliant - single file retention (SnapLock) and directory level WORM - Provides proection against ransomware and virus attacks - Transparent backup and archive application integration	- Free download - Enables to set hardware encryption** - 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
Part-No.	8868-SW: 1TB license 8669-SW: 2TB license 8870-SW: 4TB license	

Software

Product	RDX PowerEncrypt	RDX Cartridge Encryptor
Type	Encryption feature for RDX QuikStor SATA III drives (requires RDX Manager software)	Windows encryption software
Use this Product if ...	... you need encryption for data transportation and archiving ... you need write and read data access control of encrypted data ... you need to combine data access controll with existing software encryption products	... you need encryption for data transportation and archiving for media used with RDX QuikStor USB drives or RDX QuikStation.
Highlights	- Build in feature - Industry-standard AES 256-bit XTS-encryption - FIPS 140-2 validated** - password controlled Write/Read or Read Only data access permissions - Compatibility with all cartridge generations and capacities - Compatibility with Tandberg Data RDX QuikStor SATA III drives - Secure data erase in encryption mode - Drive/Media self-authentification mode	- Free download - Industry-standard AES 256-bit encryption - Secure erase owverwrite technology - Crypto deletion of keys - Compatibility with all RDX drive and cartridge generations and capacities - Compatibility with Tandberg Data RDX QuikStor and QuikStation products

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	1021201	1020044	1021742	433820

*Software WORM solution: Certified by KPMG; requires rdxLOCK software, license supplied with WORM Media
** SATA III RDX QuikStor drives, FIPS140-2 validated, requires tamper evident labels to be applied

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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