OVERLAND TANDBERG

RDX Family Overview

rdx®

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			Rackmount and Removable Disk Appliances		
Product Name & Model	**RDX QuikStor External Drive**	**RDX QuikStor Internal Drive**	**RDX QuikStor Internal Drive**	**RDX QuadPAK**	**RDX QuikStation 4**	**RDX QuikStation 8**
Form Factor / Max Capacity / Connectivity	External desktop 8TB USB3+	Internal 3.5" bezel 8TB SATA III and USB 3.0	Internal 5.25"bezel 8TB SATA III and USB 3.0	1.5U rackmount 32TB USB 3.0	1U 19"rackmount or desktop 32TB iSCSI	2U 19" rackmount 64TB iSCSI
Speed	Up to 260MB/s)[1]	SATA III (up to 330MB/s)[1] and USB 3.0 (up to 260MB/s)[1]				
Best Fit	Small business and SOHO environments using workstations, laptops, tablets, cell phones servers/NAS			Small business/departments with servers and IT equipment installed in a 19" rack	Small and medium businesses with physical and virtual environments, IT equipment in a rack	Small and medium businesses with multiple servers or clients, virtual environments, and larger capacity needs
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			…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 cartridge	…you want to replace obsolete tape autoloaders or need centralized RDX Storage
Performance	Up to 330MB/s, depending on cartridge and interface type			Up to 330MB/s, depending on number of drives and interface type	Up to 400 MB/s[4]	Up to 2000 MB/s[4]
Operational Mode	Removable Disk Mode Fixed Disk Mode for integration with applications (Fixed Disk Mode USB interface only)				• 4 RDX removable and fixed disk drives • 1 logical volume across all RDX drives[3] • 1 protected logical volume across all RDX drives [3] • Emulated disk autoloader • Emulated tape automation modes	• 8 RDX removable and fixed disk drives • 1 protected logical volume across all 8 RDX drives[3] • 2 logical volumes across 4 RDX drives[3] • 2 protected logical volumes across 4 RDX drives[3] • Emulated disk autoloader • Tape automation modes and hybrid mode
PowerEncrypt 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	3800-RAK	8920-RDX: rackmount version 8922-RDX: desktop version	8945-RDX
Part No. Drive Kits[2]	8863-RDX: 500GB; 8864-RDX: 1TB; 8865-RDX: 2TB; 8866-RDX: 4TB; 8882-RDX:5TB					
Redundant Power						Part No. 8995-RDX
FIPS 140-2 Security Label Set		Optional, needed for validation of tamper evident for FIPS 140-2 (Part No. 1022445)				
Software Compatibility	RDX supports all leading OS including Windows, Mac OS, and Linux; as well as such leading backup solutions as Veeam, Veritas, Commvault, Arcserve					
Standard Warranty	3 yr. OverlandCare Bronze Level					

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

1) Depending on cartridge type.
2) Includes USB3+ drive and cartridge.
3) Logical Volumes are available in fixed or removable mode. Total capacity is cartridge and operation mode dependent.
4)Total performance is cartridge and operation mode dependent.

Cartridges

	Cartridges		
Product Name & Model	**HDD Cartridges**	**WORM Cartridges (HDD)[1]**	**SSD Cartridges**
Form Factor	Disk based removable cartridges 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.	… you need high performance due to shrinking backup windows, fast restores or need to transfer large files in a short time frame.
Capacity	500GB, 1TB, 2TB, 4TB, 5TB	1TB, 2TB and 4TB	500GB, 1TB, 2TB, 4TB, 8TB
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 drop to tile over concrete floor		
Vibration	0.5G (operating), 1.0G (non-operating)		
Compatibility	Forward/backward compatibility to all RDX drives and systems		
Part No.	8541-RDX: 500GB **TAA-compliant** 8623-RDX 8586-RDX: 1TB 8656-RDX 8731-RDX: 2TB 8691-RDX 8824-RDX: 4TB 8862-RDX: 5TB	8868-RDX: 1TB 8669-RDX: 2TB 8870-RDX: 4TB	8665-RDX: 500GB 8877-RDX: 1TB 8878-RDX: 2TB 8886-RDX: 4TB 8887-RDX: 8TB
Standard Warranty	3 yr. OverlandCare Bronze Level		

1) Software WORM solution: Certified by KPMG; requires rdxLOCK software, license supplied with WORM Cartridge.

Cables

	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

	Software	
Product Name	**rdxLOCK with WORM feature**	**RDX Manager**
Type	Windows software for managing WORM and RansomBlock functionalities	Software utility for Windows for RDX QuikStor and RDX QuikStation which provides management and security features
Use This Product if…	… you need to archive data to meet regulatory and compliance requirements or want protection against ransomware attacks	…. you want to benefit from functions like encryption, backup, bare metal restore, cartridge password protection and many more
Highlights	• Free download and 60-day trial • Provides WORM data protection on RDX cartridges, certified by KPMG and SEC and CFTC compliant • Single file retention (SnapLock) and directory level WORM • Transparent backup and archive application integration	• Free download • Includes RDX cartridge encryption • Provides password protection for secure transit • Allows to create a bootable cartridge for bare metal restore • Provides a built-in system backup utility • Offers cloud-data backup to RDX for Dropbox and Google Drive • Enables firmware download • Provides RDX QuikStor drive and cartridge statistics
Part No.	8868-SW: 1TB license 8669-SW: 2TB license 8870-SW: 4TB license	

Power Supply

	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

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