

RDX® QuikStor™

*Rugged, Reliable and Removable
Storage for your Business*

The Tandberg Data RDX QuikStor media-based removable storage system offers rugged, reliable and convenient storage for backup, archive, data interchange and disaster recovery. It provides enterprise performance and fast access, with transfer rates up to 260 MB/s and is available with up to 3TB per cartridge.

Enterprise Reliability

The exploding growth of mission-critical digital content combined with government regulated retention policies has created a need for secure, reliable and portable data protection solutions at an affordable cost. The Tandberg Data RDX QuikStor technology delivers a rugged design for maximum data protection and secure handling. Full backward/forward compatibility allows users to scale to higher capacities, without worrying about drive generations.

High Performance

SuperSpeed USB 3.0 interface offers high performance. With a choice of hard disk and solid-state disk media, unique performance requirements are met. From professional workstations to the low-end enterprise, RDX QuikStor provides users with best-in-class backup and archive capability that is ideally suited to help users get their businesses up and running quickly in the event of data loss.

External USB3+ Version for more mobility

The external RDX USB3+ drive only needs a USB3.0 connection to work. It is as easy to use as an external USB disk drive but much more robust and reliable. This enables RDX for outdoor usage like scientific data collection, in the media and entertainment environment, mobile workforce or just for easy data distribution across locations.

Fixed Disk Mode for Windows® Backup

Windows-Backup of current operating systems does not support removable media any more. Users are constrained either to refrain from an operating system upgrade, or to use a third party backup software. RDX QuikStor provides a fixed disk mode and allows a seamless integration into Windows-backup utility.

Capacity Expansion and Media Rotation

Media Spanning to multiple RDX media allows backups to grow and to expand capacity beyond a single RDX media. All that is needed: Multiple RDX media and supporting backup software. For best practice, multiple media should be used for backup and stored off-site for disaster recovery purposes. A minimum rotation of 3 media is recommended: 1st in drive for next backup, 2nd in transit and 3rd off-site for disaster recovery.

Additional Protection

RDX WORM enhances RDX for compliant archiving (optional software solution). RDX Cartridge Encryptor (RCE) is free software to encrypt data stored on RDX media.

Now available:
External USB3+
Version



Key Benefits

- Fast Access**
 Disk-based speed and data-access
- Budget-Friendly**
 Cost-effective solution that suits all sectors from SOHO users to departmental users
- Flexible**
 USB3.0 SuperSpeed and SATA interface, internal and external drives, SSD and HDD media in different capacities
- Rugged and Tough**
 Rugged, shock and electrostatic proof media with more than 10 years archive life
- Convenience & Security of Tape**
 Expand capacity and span backups across media. Media rotation and off-site copies for archiving and peace of mind
- Mobile**
 The external USB3+ version can be used as a mobile storage device
- 19"-Rack Integration with QuadPAK™**
 Up to 4 external RDX USB drives can be easily installed in a 19"-rack
- Windows-Backup support**
 Configurable operating mode for Windows Backup Application
- AccuGuard™ for RDX QuikStor**
 Provides "set it and forget it" data protection with 20:1** data deduplication

** Typical



Choose between 500GB, 1TB, 2TB or 3TB HDD media or 128GB, 256GB or 512GB SSD media. The backward/forward compatibility allows users to upgrade to higher capacity media without compromise.



TANDBERG DATA

Specifications					
	Internal RDX Drives			External RDX Drives	
Form Factor	3.5" (SATA/USB3.0)	5.25" (SATA/USB3.0)		External Housing (USB3.0)	
Height	1.63 in	1.63 in		2.04 in	
Width	4.00 in	5.78 in		4.32 in	
Length	6.28 in incl. bezel	6.72 in incl. bezel		7.00 in incl. bezel	
Weight	0.9 lb	1.4 lb		1.35 lb	
Mounting & Operating Orientation	Horizontal or Vertical				
Interface	SATA I	USB3.0		USB3.0	USB3.0 (USB powered)
Interface Connector	SATA	Type-B		Type-B	
Interface Operation Mode	Removable Disk	Removable Disk & Fixed Disk		Removable Disk & Fixed Disk	
Transfer Rate Average Sustained	Up to 45 MB/s	Up to 260 MB/s		Up to 260 MB/s	
File Access Time (average)	< 15 milliseconds				
Power Specifications					
Voltage	+5 V	+5 V	+12 V	+12 V	+5 V USB powered
Current at Read/Write (Typical / Peak)	0.9 A / 1.6 A	0.9 A / 1.6 A	0.005 mA / 1.4 A	0.5 A / 1 A	0.9 A / 1.6 A
Power Connector	SATA Power	4-Pin Molex		5.5 mm	optional: 5.5 mm
Power Adapter	4-Pin Molex SATA Power	SATA Power to 4-Pin Molex		Wall Adapter: +12 V (+/-10%), 1.0 A	optional Wall Adapters: +5 V (+/- 10%) 2.4 A to +12 V (+/- 10%) 1.0 A
Media					
Capacity	500GB, 1TB, 2TB or 2TB (HDD) / 128GB, 256GB or 512GB (SSD) <i>See RDX Media datasheet for more information</i>				
Read/Write Compatibility	Forward/backward compatibility to all RDX drives and systems				
Reliability					
Media Drop Shock (Non-operating)	1m drop to tile over concrete floor (Media)				
Load-/ Unload (Minimum)	Drive: 10,000 insertion / removal cycles, Media: 5,000 insertion / removal cycles				
MTBF	550,000 Hours				
Vibration (max)	0.5G (operating), 1.0G (non-operating)				
Environmental					
Temperature	+50°F to +104°F (operating), -40°F to +149°F (non-operating)				
Relative Humidity	20% to 80% (non-condensing, operating), 8% to 90% (non-condensing, non-operating)				
Altitude	-50 ft to 10,000 ft (operating), -50 ft to 35,000 ft (non-operating)				
Other Features					
Encryption	Supports software-based encryption				
WORM	Enables compliant Archiving with rdxLOCK WORM Software				
Compression and Deduplication	Supports software-based compression and deduplication				
Windows Backup	Fixed Disk Mode for Windows Backup Utility				
AccuGuard for RDX Backup Software	Single Server or Enterprise Backup incl. Exchange & SQL backup with deduplication				
QuikStation	iSCSI based disk array with 8 drives				

DS-RDX_US_2015B

<p>Overland Storage 125 S. Market Street San Jose, CA 95113 USA Tel: (858) 571-5555 Fax: (858) 571-3664 sales@overlandstorage.com www.overlandstorage.com</p>	<p>Tandberg Data EMEA Feldstrasse 81 44141 Dortmund Germany Tel: +49 231 5436 - 0 Fax: +49 231 5436 - 111 salesemea@tandbergdata.com www.tandbergdata.com/de</p>	<p>Overland Storage UK Regus Atlantic House, Imperial Way Reading, RG2 0TD United Kingdom Tel: +44 1 189 898 000 salesemea@tandbergdata.com www.tandbergdata.com/emea</p>	<p>Overland Storage France 18 Rue Jean Rostand Orsay 91400, France Tel: +33 1 81 91 73 40 salesemea@tandbergdata.com www.tandbergdata.com/emea</p>	<p>Tandberg Data APAC 16 Collyer Quay Level 21 Singapore, 049318 Tel: +65 6818 9266 salesapac@tandbergdata.com www.tandbergdata.com/apac</p>
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