RDX® QuikStor™

Simple, safe storage for your small 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 180 MB/s and is available with up to 2TB 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 media delivers a rugged design for maximum data protection and secure handling. Backward/forward compatibility allows users to scale to higher capacities, meaning that tomorrow´s higher capacity RDX media will operate in today´s RDX systems.

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.

High Performance

SuperSpeed USB 3.0 interface offers high performance. With a choice of hard disk and solid-state disk media, users can choose the solution that meets their unique performance requirements. 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.

Fixed Disk Mode for Windows Backup

RDX QuikStor provides a fixed disk mode and allows a seamless integration into 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.

AccuGuard™ Provides Deduplication

Optional, Tandberg Data offers AccuGuard, a powerful data protection software that delivers reliable, automated backup and recovery utilizing a data deduplication engine designed to increase your effective storage capacity and improve your backup-window. Data retrieval is simple and painless with AccuGuard's flexible file searching, drag-and-drop restore and point-in-time disaster recovery.

Now with USB 3.0 and SSD media

Key Benefits

Fast Access
Blistering disk-based speed and access, and near-instant file retrieval

Budget-Friendly
Cost-effective solution that suits all sectors from SOHO users to departmental users

Flexible
With a choice of blazing fast USB 3.0 SuperSpeed, and SATA, and a choice of SSD and HDD media capacities ranging from 64GB to 2TB, users can fit the RDX solution to their requirements

Convenient & Secure
Provides the convenience of tape with the ability to take off-site copies for archiving and peace of mind

Windows-Backup support
Adjustable operating mode for use with Windows-Backup

Reliable, Automated Backup and Recovery
Easy-to-use AccuGuard software for the RDX QuikStor provides "set it and forget it" data protection with 20:1** data deduplication

Rugged and Tough
The media is rugged and shock proof and lasts more than 10 years

** Typical

Choose between 320GB, 500GB, 1TB, 1.5TB or 2TB HDD media or 64GB, 128GB, 256GB or 512GB SSD media. The backward/forward compatibility allows users to upgrade to higher capacity media without compromise.

Specifications

Capacity	**320GB, 500GB, 1TB, 1.5TB or 2TB (HDD)** **64GB, 128GB, 256GB or 512GB (SSD)**

Compatibility & Performance

Read/Write Compatibility	**Forward/backward compatibility to all RDX systems**
Transfer Rate Average Sustained	**Up to 180 MB/s (USB 3.0), Up to 45 MB/s (SATA)**
File Access Time	**< 100 milliseconds (average)**
Power Consumption	**6.6 W (typical) / 12 W (peak)**

Reliability & Data Integrity

Unrecoverable Error Rate	**1 error in $10^{(14)}$ bits read**
Media Drop Shock (Non-operating)	**1m (39.4in.) drop to tile over concrete floor**
Load-/ Unload (Minimum)	**5,000 insertion / removal cycles (media), 10,000 insertion / removal cycles (drive)**
MTBF	**550,000 hrs.**

Environmental

Temperature	**10° – 40°C (50° – 104°F) (operating), -40° – 65°C (-40° – 149°F) (non operating)**
Relative Humidity (Operating)	**20% – 80% (non-condensing)**
Relative Humidity (Non-operating)	**8% – 90% (non-condensing)**
Vibration (Maximum)	**0.5G (operating), 1.0G (non-operating)**
Altitude	**-15m – 3,048m (-50ft – 10,000ft) (operating), -15m – 10,660m (-50ft – 35,000ft) (non-operating)**
Operating Orientation	**Horizontal or vertical**

Archival Environmental

Media Archive Storage Life	**> 10 years (HDD) offline storage in archival environment**
Archival Storage Environment	**5° – 26°C (41° – 78°F), 8% – 90% relative humidity**
Maximum Wet Bulb	**25°C (77°F) (non-condensing)**

Other Features

Encryption	**Supports software-based encryption**
Barcode	**Supports standard and electronic barcode**
Automation	**Soft eject with media designed for robotic handling**

Form Factor	Media (HDD and SSD)	3.5in. Internal Drive	5.25in. Internal Drive	External Drive
Height:	**23mm (0.9in.)**	**41mm (1.6in.)**	**41mm (1.6in.)**	**52mm (2.0in.)**
Width:	**87mm (3.4in.)**	**102mm (4.0in.)**	**146mm (5.8in.)**	**110mm (4.3in.)**
Length:	**119mm (4.7in.)**	**159mm (6.3in.) incl. bezel**	**170.72mm (6.72in.) incl. bezel**	**178mm (7.0in.) incl. bezel**
Weight:	**165g (0.364 lbs.) – 272g (0.600 lbs.) (HDD dependent)**	**408g (0.9 lbs.)**	**635g (1.4 lbs.)**	**540g (1.2 lbs.)**

About Tandberg Data

Tandberg Data is a wholly owned subsidiary of Overland Storage, Inc. and a leading global supplier of data protection solutions for small and medium-sized businesses. The company's wide range of cost-effective storage products and services provides customers with best-in-class tape, disk, removable disk and software solutions for backup, archiving and disaster recovery. These solutions are marketed through a global channel of qualified resellers, distributors and major server OEMs. An extensive service and support network supports all Tandberg Data products worldwide.

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www.tandbergdata.com/us
www.overlandstorage.com