

## RDX® QuikStor™

*Simple, safe storage for your small business.*

The Tandberg Data RDX® QuikStor™ cartridge-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 650GB/hr and is available with up to 1TB per cartridge. The bundled AccuGuard™ software drastically improves backup windows and storage capacity, providing a complete backup of all system and application data.

### Enterprise Performance and 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 cartridge delivers a rugged design that's shock-proof for maximum data protection and secure handling. Backward/ forward compatibility allows users to scale to higher capacities, meaning that tomorrow's higher capacity RDX cartridges will operate in today's RDX systems.

SuperSpeed USB 3.0 interface offers high performance. With a choice of hard disk and solid-state disk cartridges, 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.

### AccuGuard™ Provides Deduplication

Every RDX QuikStor comes bundled with 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. AccuGuard intelligently optimizes data at the source, which results in drastically improved backup windows and network bandwidth. Data retrieval is simple and painless with AccuGuard's flexible file searching, drag-and-drop restore and point-in-time disaster recovery.

#### AccuGuard Server Software for RDX Offers:

- 20:1 data deduplication\*
- Automated data protection
- RDX cartridge manager
- Drag-and-drop restore
- Point-in-time disaster recovery
- AES 256-bit encryption
- Simple user interface
- Integrated SQL and Exchange

Now with  
USB 3.0 and SSD  
cartridges



### 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, USB 2.0 and SATA, and a choice of HDD and SSD cartridge capacities ranging from 64GB to 1TB, 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
- 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 cartridges last over 10 years and are rugged and shockproof to ensure they remain in perfect working order

\* Typical



Choose between 160, 320, 500, 640GB or 1TB HDD cartridges or 64, 128, 256 or 512GB SSD cartridges. The backward/forward compatibility allows users to upgrade to higher capacity cartridges without compromise.

## Specifications

<b>Capacity</b>	<b>160, 320, 500, 640GB or 1TB (HDD) 64, 128, 256 or 512GB (SSD)</b>
<b>Compatibility &amp; Performance</b>	
Read/Write Compatibility	<b>Forward/backward compatibility to all RDX systems</b>
Transfer Rate Average Sustained	<b>Up to 180MB/s (USB 3.0), Up to 45MB/s (SATA), Up to 25MB/s (USB)</b>
Transfer Rate Burst	<b>150MB/s</b>
File Access Time	<b>&lt; 100 milliseconds (average)</b>
Power Consumption	<b>6.6 W (typical) / 12 W (peak)</b>
<b>Reliability &amp; Data Integrity</b>	
Unrecoverable Error Rate	<b>1 error in 10<sup>14</sup> bits read</b>
Cartridge Drop Shock (Non-operating)	<b>1m (39.4in.) drop to tile over concrete floor</b>
Load-/ Unload (Minimum)	<b>5,000 insertion / removal cycles (cartridge), 10,000 insertion / removal cycles (dock)</b>
MTBF	<b>550,000 hrs. at 100% duty cycle</b>
<b>Environmental</b>	
Temperature	<b>10° to 40°C (50° to 104°F) (operating), -40° to 65°C (-40° to 149°F) (non-operating)</b>
Relative Humidity (Operating)	<b>20% to 80% (non-condensing)</b>
Relative Humidity (Non-operating)	<b>10% to 90% (non-condensing)</b>
Vibration (Maximum)	<b>0.5G (operating), 1.0G (non-operating)</b>
Altitude	<b>-15 to 3,050m (-50 to 10,000ft.) (operating), -15 to 10,660m (-50 to 35,000ft.) (non-operating)</b>
Operating Orientation	<b>Horizontal or vertical</b>
<b>Archival Environmental</b>	
Cartridge Archive Storage Life	<b>&gt; 10 years (HDD) offline storage in archival environment</b>
Archival Storage Environment	<b>5° to 26°C (41° to 78°F), 5% to 95% relative humidity</b>
Maximum Wet Bulb	<b>25°C (77°F) (non-condensing)</b>
<b>Other Features</b>	
Encryption	<b>Supports software-based encryption</b>
Barcode	<b>Supports standard and electronic barcode</b>
Automation	<b>Soft eject with cartridge designed for robotic handling</b>

<b>Form Factor</b>	Cartridge (HDD and SSD)	3.5 in Internal Dock	5.25 in Internal Dock	External Dock
Height:	<b>23mm (0.9in.)</b>	<b>41mm (1.6in.)</b>	<b>41mm (1.6in.)</b>	<b>52mm (2.0in.)</b>
Width:	<b>87mm (3.4in.)</b>	<b>102mm (4.0in.)</b>	<b>146mm (5.8in.)</b>	<b>110mm (4.3in.)</b>
Length:	<b>119mm (4.7in.)</b>	<b>159mm (6.3in.) incl. bezel</b>	<b>172mm (6.8in.) incl. bezel</b>	<b>178mm (7.0in.) incl. bezel</b>
Weight:	<b>173g (0.4 lbs.)</b>	<b>408g (0.9 lbs.)</b>	<b>635g (1.4 lbs.)</b>	<b>540g (1.2 lbs.)</b>

### About Tandberg Data

Tandberg Data is 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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