

RDX® QuikStor™

Where smarter storage begins

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 162GB/hr and is available with up to 640GB 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 robust, portable data protection solution 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. The RDX QuikStor meets the reliability, performance and business requirements for all backup and data archive applications from professional workstations through to the low-end enterprise.

What is AccuGuard™?

Tandberg Data AccuGuard is 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 increases effective data storage by providing 20:1 deduplication, intelligently optimizing the 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 Software Features:

- 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



Key Benefits

- Fast Access**
 Blistering disk-based speed and access, backing up to 162GB/hr and near-instant file retrieval
- 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 software solution for the RDX QuikStor provides "set it and forget it" data protection with 20:1 data deduplication
- Budget-Friendly**
 Cost-effective solution that suits all sectors from SOHO users to departmental users
- Rugged and Tough**
 The cartridges last over 10 years and are rugged and shockproof to ensure they remain in perfect working order
- RDX Technology Advantage**
 RDX QuikStor technology merges the best of both tape and disk—the convenience, portability, long archive and low cost of tape with the fast data transfer rates, random access file retrieval, data reliability and transparent capacity growth of disk



Choose between 160, 320, 500 or 640GB cartridges of the RDX QuikStor. The backward/forward compatibility allows users to upgrade to higher capacity cartridges without compromise.

Specifications

Capacity 160, 320, 500, 640GB (2:1 application-based compression supported)

Compatibility & Performance

Read/Write Compatibility Forward/backward compatibility to all RDX systems
Transfer Rate Average Sustained Up to 45MB/s (SATA), Up to 25MB/s (USB)
Transfer Rate Burst 150MB/s
File Access Time < 100 milliseconds (average)
Power Consumption 6.6 W (Typical) / 12 W (Peak)

Reliability & Data Integrity

Unrecoverable Error Rate 1 error in 10¹⁴ bits read
Cartridge Drop Shock (Non-operating) 1 m (39.4 in) drop to tile over concrete floor
Load-/ Unload (Minimum) 5,000 insertion/ removal cycles (cartridge), 10,000 insertion/ removal cycles (dock)
MTBF 550,000 hrs. at 100% duty cycle

Environmental

Temperature 10° to 40°C (50° to 104°F) (operating), -40° to 65°C (-40° to 149°F) (non-operating)
Relative Humidity (Operating) 20% to 80% (non-condensing)
Relative Humidity (Non-operating) 10% to 90% (non-condensing)
Vibration (Maximum) 0.5G (operating), 1.0G (non-operating)
Altitude -15 to 3,050 m (-50 to 10,000 ft) (operating), -15 to 10,660 m (-50 to 35,000 ft) (non-operating)
Operating Orientation Horizontal or vertical

Archival Environmental

Cartridge Archive Storage Life > 10 years (offline storage in archival environment)
Archival Storage Environment 5° to 26°C (41° to 78°F), 5% to 95% relative humidity
Maximum Wet Bulb 25°C (77°F) (non-condensing)

Other Features

Encryption Supports application-based encryption
Barcode Supports standard and electronic barcode
Automation Soft eject with cartridge designed for robotic handling

| Form Factor | Cartridge | 3.5 in Internal Dock | 5.25 in Internal Dock | External Dock |
|-------------|--------------------|-------------------------------|-------------------------------|------------------------------|
| Height: | 23.68mm (0.93 in) | 41.4mm (1.63 in) | 41.4mm (1.63 in) | 51.8mm (2.04 in) |
| Width: | 86.6mm (3.4 in) | 101.6mm (4.0 in) | 146.0mm (5.75 in) | 109.8mm (4.32 in) |
| Length: | 119.18mm (4.69 in) | 159.4mm (6.28 in) incl. bezel | 171.9mm (6.77 in) incl. bezel | 177.5mm (7.0 in) incl. bezel |
| Weight: | 173g (0.38 lbs) | 408g (0.9 lbs) | 635g (1.4 lbs) | 540g (1.19 lbs) |

About Tandberg Data

Tandberg Data is a leading global supplier of data protection solutions. Tandberg Data offers a wide selection of secondary storage solutions, ranging from disk-based solutions, such as the RDX® QuikStor™ and the Tandberg Data DPS Series, to automated tape solutions like the StorageLoader and StorageLibrary Series. Tandberg Data also offers tape drives, based on the DAT, LTO™, SLR™ and VXA® tape technology platforms, and media. Tandberg Data solutions are supported by robust, easy-to-use software. All solutions are supported through a worldwide service and support network, recognised globally for its outstanding levels of service. Tandberg Data solutions are designed to meet the growing storage requirements of small and medium-sized organisations with scalability, reliability, and backward compatibility features that ensure cost-effective operation and long-term investment protection.

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