TANDBERG DATA
Securing your Information

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 162GB/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 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.

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 increases effective data storage by providing 20:1* or greater, 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.

TANDBERG DATA
AccuGuard™

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**

* Typical

TANDBERG DATA
AccuGuard™

rdx® QUIKSTOR

Key Benefits

Fast Access
Blistering disk-based speed and access, backing up to 162GB/hr and near-instant file retrieval

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

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

Choose between 160, 320, 500, 640GB or 1TB cartridges of the RDX QuikStor. The backward/forward compatibility allows users to upgrade to higher capacity cartridges without compromise.

TANDBERG DATA ≡
Securing your Information

Specifications

Capacity	**160, 320, 500, 640GB or 1TB (2:1 application-based compression supported, 20:1* deduplication or greater with AccuGuard software)**

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 $10^{(14)}$ 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.

DS-RDX_EMEA_2010D

salesemea@tandbergdata.com   **00 800 8263 2374** (00 800 TANDBERG)   **www.tandbergdata.com/emea**