

## MR032-A01A

Quantum single 320GB RDX removable disk storage Cartridge

### Product Overview

Quantum RDX 320GB Cartridge



### Specifications

#### Overview:

##### **Fast. Simple. Reliable. Affordable.**

The quantum rdx system is a fast, simple, reliable and compact diskbased data protection system that satisfies the backup and archive needs of today's fast-paced business. Combining the removability and high capacity of tape with the random file and performance of disk, the quantum rdx provides a compelling answer to the onsite/offsite data protection needs of small businesses and branch offices.

Along with the dock and the removable data cartridge, the quantum rdx system includes goprotect backup . This software incorporates data deduplication technology to provide an extremely cost-effective solution, reducing the number of cartridges required for effective backups by up to 20:1. Each time you run a backup, goprotect only stores the data that has changed, thus significantly saving disk space. When you restore, the software automatically reassembles the pieces so you get the full file as it existed on the date you are requesting. This process dramatically increases the number of backup data sets that can be stored on a single disk, as well as the number of available recovery points. The result is reduced media handling, simplified management, and faster restores.

Quantum rdx cartridges contain a rugged 2.5-inch mobile hard drive in a highly-effective shock-resistant mounting. They are available in various capacities, all of which are read and write compatible and interchangeable with any rdx dock. Choose from the easily-integrated sata or usb interna dock, which can be quickly installed into a server or 5.25-inch bay, or the convenient tabletop usb dock that can be connected in seconds.

#### Features:

The quantum rdx system is a fast, simple, reliable and affordable disk-based data protection system that satisfies the and archive needs of today's fast-paced.

- Fast backups complete in minutes. Quick to data for fast restores.
- Simple every backup appears as a full backup; no hunting through incrementals. To restore, simply pick a recovery date, then drag and drop files from windows explorer.

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### Product Specification Sheet

- Reliable ruggedized cartridges can withstand a one-meter drop to a hard surface without damage, and they have a 30-year archive shelf life in a normal office environment.
- Affordable cartridges can be used for months without filling up, thanks to data deduplication technology.
- Powerful the goprotect software includes integrated protection for your microsoft exchange email system and sql server databases
- Secure /strong> supports government level security with the highest level aes-256 bit encryption standard

#### Benefits:

- Flexible onsite/offsite data backup at hard drive speeds
- Interchangeable, removable cartridges of various capacities
- Windows with data deduplication technology

#### Specifications:

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| <b>Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                       |
| <b>Product Code</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MR032-A01A                                            |
| <b>Drive Type</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Quantum RDX                                           |
| <b>Cartridge Capacity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 160GB, 320GB, 500GB, 640GB, 750GB, 1TB                |
| <b>Drive Transfer Rate</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Up to 25 MB/sec USB and 45 MB/sec SATA                |
| <b>Average Sustained</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |
| <b>Drive Time, Average</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15 msec                                               |
| <b>Interface</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal 5.25" SATA or USB 2.0 dock, 4-pin disk drive |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | style power connector; Tabletop USB 2.0 dock          |
| <b>Compatibility</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |
| <b>Dock</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | RDX can be used as an external hard drive.            |
| <b>GoProtect</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Windows 2003 and 2008 Server (32 and 64 bit)          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Windows XP SP2, Vista and Windows 7                   |
| <b>Physical</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |
| <b>Form Factor</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal Dock : Tabletop Dock : Cartridge             |
| <b>Width (in/mm)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5.75 / 146.0 : 4.32 / 109.8 : 3.40 / 86.6             |
| <b>Height (in/mm)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.63 / 41.4 : 1.63 / 41.4 : 0.93 / 23.68              |
| <b>Length (in/mm)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.77 / 171.9 : 7.00 / 177.5 : 4.69 / 119.18           |
| <b>Weight (lbs/g)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.40 / 635 : 1.19 / 540 : 0.38 / 173                  |
| <b>Environmental</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |
| <b>Operating Temperature degreesF ( degreesC)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 50 degrees to 104 degrees (10 degrees to 40 degrees)  |
| <b>Operating Humidity</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20% to 80% RH Non-condensing                          |
| <b>Altitude (maximum)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10,000 ft MSL                                         |

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|-----------------------------------------------------------|--------------------------------------------------------|
| <b>Non-operating Temperature<br/>degreesF ( degreesC)</b> | -40 degrees to 149 degrees (-40 degrees to 65 degrees) |
| <b>Non-operating Humidity</b>                             | 10% to 90% RH Non-condensing                           |
| <b>Power</b>                                              |                                                        |
| <b>Voltage</b>                                            | + 5, +12 VDC internal, 100-240 VAC tabletop            |
| <b>Power consumption (W)</b>                              |                                                        |
| <b>Internal SATA</b>                                      | 7.5 typical, 13 peak                                   |
| <b>Internal USB</b>                                       | 6.6 typical, 20 peak                                   |
| <b>Tabletop USB</b>                                       | 6.6 typical, 12 peak                                   |
| <b>Reliability</b>                                        |                                                        |
| <b>Cartridge</b>                                          | 5,000 load/unload cycles                               |
| <b>Dock</b>                                               | 10,000 load/unload cycles                              |
| <b>MTBF</b>                                               | 550,000 hours MTBF                                     |
| <b>Cartridge Archive Life</b>                             | 30 years                                               |
| <b>Unrecoverable Error Rate</b>                           | 1 error in 1014 bits read                              |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**

<https://www.comx-computers.co.za/MR032-A01A-Quantum-single-320GB-RDX-removable-disk-Buy-p-125134.php>

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