

# RDX Family Overview

RDX<sup>®</sup> is the removable disk standard which combines the portability and reliability of tape-based technology with the speed and simplicity of a hard disk drive. The RDX product family is designed to provide an affordable and flexible platform for data storage, data protection and off-site disaster recovery for physical or virtual environments as well as in Hybrid-Cloud applications.

| RDX QuikStor Drives     |  |  |  |
|-------------------------|--|--|--|
|                         |  |  |  |
| Product                 | RDX QuikStor external Drive  | RDX QuikStor internal Drive                          | RDX QuikStor internal Drive            |
| Form Factor             | External desktop   | Internal with 3.5" bezel                             | Internal with 5.25" bezel              |
| Best Fit                | Small Business and SOHO environments with no dedicated IT-personal which require easy data protection and off-site storage.  |  |  |
| Buy this Product if ... | ...you need an affordable, reliable and bullet proof device for daily backup, archiving or data exchange.<br>External: for Desktop applications with your PC, Laptop, Server or NAS<br>Internal: for Server and PC integration |  |  |
| Connectivity            | USB3+  | SATA III and USB 3.0                                 |  |
| Performance             | up to 260MB/s, depending on media type   | up to 330MB/s, depending on media and interface type |  |
| Operational mode        | Removable Disk Mode and Fixed Disk Mode for integration with Windows® Backup (Fixed Disk Mode USB interface only)  |  |  |
| Hardware Encryption     | SATA III interface only*   |  |  |
| Part-No. Bare Drives    | 8782-RDX: USB3+  | 8785-RDX: USB3.0<br>8812-RDX: SATA III               | 8636-RDX: USB3.0<br>8813-RDX: SATA III |
| Part-No. Drive Kits**   | 8863-RDX: 500GB<br>8864-RDX: 1TB<br>8865-RDX: 2TB<br>8866-RDX: 4TB   |  |  |
| Standard Warranty       | 3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)   |  |  |

| Power Supply   |  |
|----------------|--|
| Interface      | 12V/1.25A  |
| Usage          | External RDX Drive   |
| Connector Type | Power cables for 4 countries   |
| Part-No.       | <br>US power cable: 1022238<br>JP power cable: 1022239<br>EU power cable: 1022240<br>UK power cable: 1022241 |

| RDX TENCASE |  |
|-------------|--|
|             |  |
| Usage       | Water and dust proof robust flight case for storing up to 10 RDX media |
| Part-No.    | 1022291  |

| Rackmount and Removable Disk Appliances |  |   |   |
|---|--|---|---|
|   |  |   |   |
| Product                                 | RDX QuadPAK  | RDX QuikStation 4   | RDX QuikStation 8   |
| Form Factor                             | 1.5U rackmount   | 1U rackmount or desktop   | 2U rackmount  |
| Best Fit                                | Small Business environments with servers and IT-equipment installed in a rack. | Small and medium businesses with physical and virtual environments and the need for off-site storage and data transportation. | Small and medium businesses with multiple servers or clients, virtual environments and off-site storage.  |
| Buy this Product if ...                 | ...you need a 19" rack mount solution for 1-4 RDX QuikStor Drives              | ... you need network attached removable storage, or want to overcome the capacity limit of a single RDX media                 | ...you want to replace obsolete tape auto-loaders or need centralized RDX Storage.  |
| Connectivity                            | USB 3.0 and USB3+, Drive dependent   | iSCSI   |   |
| Performance                             | up to 260MB/s, Drive and Media dependent                                       | 2 x 1 Gigabit Ethernet speed  | 4 x 1 Gigabit Ethernet speed or 1 x 10 and 4 x 1 Gigabit Ethernet speed   |
| Capacity                                | Dependent on number of installed drives  | 4 RDX Media   | 8 RDX Media   |
| Media Support                           | HDD, SSD, WORM   |   |   |
| Operational mode                        |  | 4 RDX removable and fixed Disk Drives, 1 Logical Volume across all RDX drives***  | 8 RDX removable and fixed Disk drives, 1 Logical Volume across all 8 RDX drives***, 2 Logical Volumes across 4 RDX drives***, Disk Loader, Tape Automation and Hybrid |
| Part-No.                                | 3800-RAK   | 8920-RDX: rackmount version<br>8922-RDX: desktop version  | 8930-RDX: 4x 1GbE<br>8940-RDX: 1x 10 and 4x 1GbE  |
| Redundant Power                         |  | Part-No. 8991-RDX   |   |
| Standard Warranty                       | 3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)       |   |   |

\* requires f/w support  
 \*\* includes USB3+ Drive and Media  
 \*\*\* Logical Volumes are available in fixed or removable mode, as well as in protected or unprotected mode

| Media                   |   |   |  |
|-------------------------|---|---|--|
|                         |   |   |  |
| Product                 | HDD Media   | SSD Media   | WORM Media (HDD)*  |
| Form Factor             | Disk based removable media with rugged design to withstand drops, vibrations, electrostatic discharge and rough environments. |   |  |
| Buy this Product if ... | ... you want to perform backup, restore, long term archiving tasks or move and exchange business data.                        | ... you need fast data transfer and/or reliable media for harsh environments. | ... you need to archive data to meet regulatory and compliance requirements or want protection against ransomware attacks. |
| Capacity                | 500GB, 1TB, 2TB, 3TB, 4TB, 5TB  | 128GB and 256GB   | 1TB, 2TB and 4TB   |
| Load/Unload (min)       | 5,000 insertion/ removal cycles   |   |  |
| Supported Filesystems   | NTFS, FAT32, exFAT, ex2, ex3, ex4 and Mac OS Extended (HFS Plus)  |   |  |
| Drop Shock (non-op.)    | 1m to concrete floor  | 1.5m to concrete floor  | 1m to concrete floor   |
| Vibration               | 0.5G (operating), 1.0G (non-operating)  | max. 20.0G (non-operating)  | 0.5G (operating), 1.0G (non-operating)   |
| Media Archive Life      | 10 years  | > 1 year  | 10 years   |
| Compatibility           | Forward/backward compatibility to all RDX drives and systems  |   |  |
| Part-No.                | 8541-RDX: 500GB<br>8586-RDX: 1TB<br>8731-RDX: 2TB   | 8807-RDX: 3TB<br>8824-RDX: 4TB<br>8862-RDX: 5TB                               | 8663-RDX: 128GB<br>8664-RDX: 256GB<br>8669-RDX: 2TB<br>8870-RDX: 4TB   |
| Standard Warranty       | 3-years OverlandCare Bronze Level (3-Years Advanced Replacement Service)  |   |  |

| Cables         |                        |                      |                      |                         |                                       |
|----------------|------------------------|----------------------|----------------------|-------------------------|---------------------------------------|
| Interface      | USB 3.0                |                      |                      | USB 3+                  | USB 2.0                               |
| Usage          | Internal               | Internal/External    | External             | Y-Type External         | Internal                              |
| Connector Type | 2x10 pin to Type B<br> | Type A to Type B<br> | Type A to Type B<br> | 2x Type A to Type B<br> | Type B to 2.54 Pitch 5PIN housing<br> |
| Length         | 810mm                  | 800mm                | 2m                   | 1.5m                    | 810mm                                 |
| Part-No.       | 1020916                | 1021201              | 1020044              | 1021742                 | 433820                                |

| Software                |   |   |
|-------------------------|---|---|
| Product                 | rdxLOCK with WORM and RansomBlock feature   | RDX Manager   |
| Type                    | Windows software for managing WORM and RansomBlock functionalities  | Software utility for Windows and Mac to manage hardware encryption**, firmware upgrades and to change RDX drive operation mode  |
| Use this Product if ... | ... you need to archive data to meet regulatory and compliance requirements or want protection against ransomware attacks.  | .... you use Windows or Mac. Required to ensure proper media eject operation and switching device mode to ensure functionality for Windows backup.  |
| Highlights              | <ul style="list-style-type: none"> <li>- Free download and 60-day trial</li> <li>- Provides WORM data protection on RDX media, SEC and CFTC certified</li> <li>- single file retention (SnapLock) and directory level WORM</li> <li>- Provides protection against ransomware and virus attacks</li> <li>- Transparent backup and archive application integration</li> </ul> | <ul style="list-style-type: none"> <li>- Free download</li> <li>- Enables to set hardware encryption**</li> <li>- Allows the use of the Windows Backup Utility and system backups</li> <li>- Compatibility with all RDX cartridge generations and capacities</li> <li>- Compatibility with Tandberg Data RDX QuikStor and QuikStation products</li> </ul> |
| Part-No.                | 8868-SW: 1TB license<br>8669-SW: 2TB license<br>8870-SW: 4TB license  |   |

| Software                |  |  |
|-------------------------|--|--|
| Product                 | RDX PowerEncrypt   | RDX Cartridge Encryptor  |
| Type                    | Encryption feature for RDX QuikStor SATA III drives (requires RDX Manager software)  | Windows encryption software  |
| Use this Product if ... | ... you need encryption for data transportation and archiving<br>... you need write and read data access control of encrypted data<br>... you need to combine data access control with existing software encryption products   | ... you need encryption for data transportation and archiving for media used with RDX QuikStor USB drives or RDX QuikStation.  |
| Highlights              | <ul style="list-style-type: none"> <li>- Build in feature</li> <li>- Industry-standard AES 256-bit XTS-encryption</li> <li>- FIPS 140-2 validation in progress**</li> <li>- password controlled Write/Read or Read Only data access permissions</li> <li>- Compatibility with all cartridge generations and capacities</li> <li>- Compatibility with Tandberg Data RDX QuikStor SATA III drives</li> <li>- Secure data erase in encryption mode</li> <li>- Drive/Media self-authentication mode</li> </ul> | <ul style="list-style-type: none"> <li>- Free download</li> <li>- Industry-standard AES 256-bit encryption</li> <li>- Secure erase overwrite technology</li> <li>- Crypto deletion of keys</li> <li>- Compatibility with all RDX drive and cartridge generations and capacities</li> <li>- Compatibility with Tandberg Data RDX QuikStor and QuikStation products</li> </ul> |

\*Software WORM solution: Requires rdxLOCK software, license supplied with WORM Media  
\*\* SATA III RDX QuikStor drives

Sales and support for Overland/Tandberg products and solutions are available in over 90 countries.  
Contact us today at [sales@overlandstorage.com](mailto:sales@overlandstorage.com) or [sales@tandbergdata.com](mailto:sales@tandbergdata.com)

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