OVERLAND TANDBERG

rdx QUIKSTATION

Highly flexible, business continuity solution

RDX QuikStation 8

RDX QuikStation 4

Key Benefits

- **Business continuity**
  Designed for business applications to backup, archive and store business critical data.

- **Backup and recovery**
  The built-in backup feature of RDX Manager allows full computer backups.

- **Hybrid-Cloud data protection**
  iSCSI connectivity allows easy integration into hybrid cloud and Edge computing environments. Software controlled media removability and easy handling provide Air Gap security and Data To Go capabilities for business data and Cloud integration.

- **Integration in virtualization**
  RDX QuikStation fits perfectly in virtual environments like VMware and Hyper-V to provide removable storage for individual VMs.

- **No capacity limitations**
  Volume spanning and RAID features to overcome single RDX media capacity limitation in combination with unlimited off-site storage capacity.

- **Investment protection**
  RDX pays for itself by reducing operational and maintenance cost. The RDX media backward and forward compatibility allows user to mix and upgrade media capacities for long-term investment protection.

- **Cyber security and resilience**
  RDX RansomBlock software for full protection against malware attacks.

- **Encryption**
  Build your data treasury using RDX Manager encryption feature to securely encrypt your business data.

- **Compliance data storage**
  RDX WORM media software solution has been assessed by KPMG for compliance archiving and workflow integration.

- **Global management**
  Accessible from any standard web browser for user-friendly administration in multiple languages as well as automatic software updates.

- **Virtual LTO tape library emulation**
  Use the QuikStation like an LTO tape library and benefit from the LTO ransomware protection.

The Overland-Tandberg RDX QuikStation is a highly flexible removable disk appliance for automated data protection, disaster recovery and archiving. With its iSCSI connectivity, RDX QuikStation provides a flexible platform for data protection and off-site disaster recovery in virtual and physical Hybrid Cloud environments. The RDX QuikStation family offers two models with either 4 or 8 integrated RDX system bays to fit varying capacity and feature requirements.

Business continuity and disaster recovery

Businesses need secure storage for building the Air Gap for full disaster protection and cyber security in hybrid cloud applications. The Overland-Tandberg RDX media offers a rugged and tough design for maximum data protection and secure handling for any Hybrid-Cloud data protection workflows. It is well suited for off-site data protection supporting high encryption standards and meets compliance requirements for archiving.

Reducing OPEX and TCO

The forward and backward compatibility of all RDX media generations extends your technology investment for the long-term. High reliability, low service cost and foolproof usage let RDX pay for itself. The easy data management without required data migration effort is reducing operational expenses. Power saving modes and off-site vaulting help to lower cost in your eco-friendly hybrid cloud environment.

Flexible and simple

The RDX QuikStation offers numerous operations modes like RDX systems, logical volumes to overcome capacity limitations, RAID configurations for fault tolerance as well as disk autoloader and LTO tape autoloader and LTO tape library emulations for automated backup tasks.

Manage your own Data Lake

Huge amounts of unstructured data require a smart storage platform that expands capacity easily for modern data centers by migrating unused data off-line and off-site. RDX QuikStation media volumes can be taken off-site to ensure business continuity.

High-performing iSCSI network storage

For high performance and resiliency, QuikStation 4 provides four Gigabit Ethernet (GbE), QuikStation 8 has two 10 GbE ports, all of which can be used separately or bonded with load balancing and fail-over capabilities.

Security features

The RDX technology provides security features like RDX WORM* for compliance archiving and workflows; RDX RansomBlock* for cyber security resilience of backup data, plus support of RDX Manager encryption utilities with RDX QuikStation.

* optional

Specifications	RDX QuikStation 4		RDX QuikStation 8
Form Factor	1U Rackmount	Desktop	2U Rackmount
Part Number	8920-RDX	8922-RDX	8945-RDX
Network Connectivity	4 x 1 Gigabit Ethernet, 1x IPMI, RJ-45 connector		2 x 10 Gigabit Ethernet, 1x IPMI, RJ-45 connector
Network Mode	Active backup/failover, bonded or adaptive load balancing		
Data Transfer Rate	Up to 400 MB/s *		Up to 2000 MB/s *
Capacity	Cartridge dependent (online): 20TB using 4 x 5TB media, unlimited offline capacity *		Cartridge dependent (online): 40TB using 8 x 5TB media, unlimited offline capacity *
Logical Media Move Time	<1 second		
Configuration Options	• 1-4 individual RDX QuikStor removable disk targets (addressable via 1 to 4 hosts) • 1-4 individual RDX QuikStor fixed disk targets (for integration with applications which do not support removable media) • 1 Logical Volume with up to 4 RDX drives ** • 1 Protected Logical Volume across all RDX drives RAID 5 with 1 disk fault tolerance ** • Emulated disk autoloader (4 slots and 1 drive) • Emulated StorageLoader™ (4 slots and 1 LTO-3 tape drive ***) • Emulated StorageLibrary™ T24 (4 slots and 2 LTO-3 tape drives ***)		• 1-8 RDX QuikStor disk targets in removable and fixed disk mode (addressable via 1 to 8 hosts) • 2 Logical Volumes with up to 4 RDX drives ** (addressable via 1 to 2 hosts) • 2 Protected Logical Volumes with up to 4 RDX drives each RAID 5 with 1 disk fault tolerance ** • 1 Protected Logical Volume with up to 8 RDX drives RAID 6 with 1 disk fault tolerance ** • Emulated StorageLoader™ (8 slots and 1 LTO-3 tape drive *** • Emulated StorageLibrary™ T24 (8 slots and 2 LTO-3 tape drives***) • Emulated disk autoloader (8 slots and 1 drive) • 1 hybrid configuration that offers a combination of a LTO StorageLoader and 4 RDX targets
Remote Management	Integrated browser-based management console with multi language support: English, French, German, Italian, Spanish, Chinese & Japanese.		
USB Ports	Front and Rear USB Ports		
Removable Media Drive	4 x RDX System Bays		8 x RDX System Bays
Environmental Specifications			
Power Input	100 – 240 Vac, 50 – 60Hz, 2.0 - 1.0 A		
Power Consumption	< 90 watts, typical		
Environmental Compliance	EU RoHS, RoHS China, REACH, WEEE		
Safety & Regulatory	FCC Class B, CE, TÜV-GS, cTÜVus, RCM, VCCI, KCC Class A, CAN ICES-3 (B)/NMB-3(B)		FCC Class A, CE, cTÜVus, RCM, VCCI, KCC Class A, CAN ICES-3 (A)/NMB-3(A)
Product Specifications			
Unit Dimensions (DxWxH)	478mm x 440mm x 43mm / 18.82in. x 17.32in. x 1.69in.	481mm x 464.5mm x 68mm / 18.94in. x 18.29in. x 2.68in.	521mm x 440mm x 86mm / 20.5in.x 17.3in. x 3.4in.
Packaged Dimensions (DxWxH)	655mm x 605mm x 220mm / 25.8in. x 23.8in. x 8.7in.		686mm x 597mm x 254mm / 27.0in. x 23.5in. x 10.0in.
Net Weight	5.98kg / 13.18lb	9.77kg / 21.54lb	14.96kg / 33.3lb
Gross Weight (Packaged)	11.3kg / 25lb	13.6kg / 30lb	17.6kg / 38.8lb
Operating Temperature	10° – 40°C (50° – 104°F)		
Non-Operating Temperature	-20° – 60°C (-4° – 140°F)		
Operating Humidity	20% to 80% (Non-condensing)		
Other Features and Options			
Redundant Power Supply			Optional (part. no. 8995-RDX)
RDX TENCASE	Optional, stores up to 10 RDX media in a robust and secure box (part.-no. 1022291)		
Included in the Box	Ethernet cables (2), US and Euro power cords, USB Flash Drive, Rackmount Kit (rackmount versions only), Quick Start Guide, Warranty Card, (RDX media not included)		
Software Compatibility	RDX supports all leading OS including Windows, Mac OS, and Linux; as well as such leading backup solutions as Veeam, Veritas, Commvault, Arcserve (Full Compatibility Matrix)		
Standard Warranty	3-years OverlandCare Bronze Level (Advanced Replacement Service, where available)		

* Total capacity and performance is media and operation mode dependent.
**Logical Volumes are available in fixed or removable mode.
*** LTO-3 Emulation does not limit the capacity of the RDX media used.