RDX® QuikStation®

Highly flexible removable disk appliance for automated data protection, disaster recovery and archiving.

The Overland-Tandberg RDX® QuikStation® is an iSCSI network-attached removable disk appliance designed to provide a flexible platform for data protection and off-site disaster recovery for physical or virtual SMB and SME environments. The RDX QuikStation familiy offers two models with either four or eight integrated RDX drives to fit varying capacity and feature requirements.

Flexible and Simple

The RDX QuikStation is designed and manufactured by Overland-Tandberg to be enormously flexible while being simple to setup and manage. The onboard multi-language web-based management console provides remote configuration, control, security, and management from a standard web browser.

Fits in various Environments

The iSCSI connectivity of RDX QuikStation enables an easy integration into physical and virtual environments and also Hybrid cloud storage architectures. Providing multiple operation modes for disk, removable disk, tape automation* or a combination* of disk and tape results in a versatile data protection solution.

Overcome Capacity Limitations and Data Availability

By spanning RDX drives in the QuikStation together, the capacity limitation of one single RDX media volume can be extended, but still maintain all RDX benefits of removability and protection of customer's data. In addition, QuikStation offers protected modes for spanned volumes with a fault tolerance of either 1 or 2* RDX media. This ensures full data availability.

High Performing iSCSI Network Storage

For high performance and resiliency, the unit provides either two or four* bonded Gigabit Ethernet (GbE) ports with load balancing and failover capabilities. Maximum performance is achieved with QuikStation 8 which is optionally equipped with an additional 10Gb port.

Award-Winning Technology

The RDX QuikStation is built on the award-winning RDX® removable disk technology. The rugged RDX media needs no special care and is ideal for daily use in office environments. HDD and SSD based media can be mixed in one QuikStation according application requirements on capacity and performance. Full forward and backup compatibility between media and drives ensures unrestricted usage and investment protection during the entire lifetime. RDX WORM media are available for regulatory compliance archiving where data must not deleted or be overwritten.

Key Benefits

- **Network connected RDX**
  iSCSI connectivity allows easy integration into virtual, physical or hybrid environments for versatile storage applications.

- **Removable Disk Storage**
  RDX combines the benefits of disk and tape, allowing fast and secure data access with long term off-site archiving.

- **No Capacity Limitations**
  RDX removable disk storage for unlimited off-site storage capacity.

- **Configuration Flexibility**
  The RDX QuikStation adapts to a broad range of SMB and SME environments for backup, restore, archive and disaster recovery operations.

- **One big RDX**
  Volume spanning to overcome single RDX media capacity limitation.

- **Protected Mode for Data Availability**
  Provides fault tolerance of either 1 or 2* RDX media.

- **Windows® Backup Compatibility**
  Integrated fixed disk modes to use removable disk media with Windows Backup Utility.

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

- **No Media Compatibility Issues**
  Full forward and backward compatibility to all RDX media means no data migration effort.

* QuikStation 8 only

Specifications	RDX QuikStation 4		RDX QuikStation 8	
Formfactor	1U Rackmount	Desktop	2U Rackmount	
Part Number	8920-RDX	8922-RDX	8930-RDX	8940-RDX
Network Connectivity	2 x 1 Gigabit Ethernet		4 x 1 Gigabit Ethernet	1 x 10 and 4 x 1 Gigabit Ethernet
Network Mode	Active backup/failover, bonded or adaptive load balancing			
Data Transfer Rate	Up to 200 MB/s (2 x 1 Gigabit Ethernet speed)		Up to 400 MB/s (4 x 1 Gigabit Ethernet speed)	Up to 1000 MB/s (1 x 10 Gigabit Ethernet speed)
Capacity	Cartridge dependent (online): 20TB using 4 x 5TB pieces of media, unlimited offline capacity		Cartridge dependent (online): 40TB using 8 x 5TB pieces of 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 Windows Backup) **1 Logical Volume with up to 4 RDX drives** (removable and fixed disc mode) **1 Protected Logical Volume across all RDX drives with 1 disk fault tolerance** (removable and fixed disc mode) **Emulated disk autoloader** (4 slots and 1 drive)		**1-8 RDX QuikStor Drives in removable and fixed disk mode** (addressable via 1 to 8 hosts) **2 Logical Volumes with up to 4 RDX drives**** (addressable via 2 hosts) **1 Logical Volume with up to 8 RDX drives**** (addressable via 1 host) **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, Norwegian, Russian, Spanish, Chinese & Japanese.			
USB Ports	Front USB3.0 x1, Rear USB3.0 x2 and USB2.0 x6		Front 1x USB 2.0, Rear: 2x USB 3.0 & 2x USB 2.0	
Removable Media Drive	4 x RDX drives		8 x RDX drives	
RDX Media Compatibility	Backward & Forward compatible with all RDX media generations: 500GB, 1TB, 2TB, 3TB, 4TB, 5TB (HDD); 128GB, 256GB (SSD)			
Environmental Specifications				
Power Input	100 – 240 Vac, 50 – 60Hz, 2.0 - 1.0 A			
Power Consumption	< 90 watts, type			
Environmental Compliance	EU RoHS, RoHS Chine, REACH, WEEE			
Safety & Regulatory	FCC Class B, CE, TÜV-GS, NRTL, RCM, VCCI, KCC, CAN ICES-3 (B)/NMB-3(B)		FCC Class A, CE, cTÜVus, RCM, VCCI, KCC, 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. 8991-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)			
Warranty	3-years OverlandCare Bronze Level (Advanced Replacement Service, where available)			

* LTO-3 Emulation does not limit the capacity of the RDX media used, ** Logical Volumes are available in fixed or removable mode, as well as in protected modes

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries.
Contact us today at sales@overlandstorage.com or sales@tandbergdata.com

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