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 SMB and SME environments. The RDX QuikStation familiy offers two models with either 4 or 8 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 browser.

Fits in Various Environments

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

Overcome Capacity Limitations and Data Availability

Spanning data over several RDX media is possible by using either LTO Tape Automation modes or creating a single RDX Media volume that can be expanded but still maintains all RDX benefits of removability and protection of customer's data.

High Performing iSCSI Network Storage

For high performance and resiliency, the QuikStation 4 provides four bonded Gigabit Ethernet (GbE) ports with load balancing and failover capabilities. QuikStation 8 is equipped with two 10 Gigabit Ethernet ports.

Award-Winning Technology

The RDX QuikStation is built on the award-winning RDX removable disk technology. The rugged RDX media is ideal for daily use in office environments and needs no special care. Full forward and backward compatibility between media and drives ensures unrestricted usage and investment protection during the entire media lifetime.

Data Integrity and Security

RDX WORM media are available for regulatory compliance archiving. RDX WORM has been assessed by KPMG AG Wirtschaftsprüfungsgesellschaft, Frankfurt am Main, to numerous regulations. To avoid threats by cryptolockers, RDX RansomBlock can be used to protect the RDX disk volumes while they are online. Alternatively, customers can use the LTO Tape Automation modes and benefit from the LTO Ransomware protection.

Key Benefits

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

- **Removable Disk Storage**
  Fast and secure data access with long term off-site archiving.

- **No Capacity Limitations**
  RDX provides unlimited off-site storage capacity.

- **Configuration Flexibility**
  RDX QuikStation adapts to a broad range of backup, restore, archive and disaster recovery applications.

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

- **Virtual LTO Tape Library Emulation***
  Use the QuikStation like a LTO tape library and benefit of the LTO ransomware protection.

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

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

- **Compliant and Secure**
  Optional features like RDX WORM and RDX RansomBlock fulfill compliance requirements and provide additional protection for business data.

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

* QuikStation 8 only

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Specifications	RDX QuikStation 4		RDX QuikStation 8
Formfactor	1U Rackmount	Desktop	2U Rackmount
Part Number	8920-RDX	8922-RDX	8943-RDX
Network Connectivity	4 x 1 Gigabit Ethernet		2 x 10 Gigabit Ethernet, 1x IPMI
Network Mode	Active backup/failover, bonded or adaptive load balancing		
Data Transfer Rate	Up to 400 MB/s (4 x 1 Gigabit Ethernet speed)		Up to 2000 MB/s (2 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 and Rear USB Ports		
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)		
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	0° – 40°C (32° – 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. 8993-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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