

# Highly flexible, business continuity solution



RDX QuikStation 4



RDX QuikStation 8

## 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 cartridge 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 removable drive cartridge capacity limitation in combination with unlimited off-site storage capacity.
- Investment protection**  
 RDX pays for itself by reducing operational and maintenance cost. The RDX cartridge backward and forward compatibility allows user to mix and upgrade cartridge capacities for long-term investment protection.
- Encryption**  
 Build your data treasury using RDX Manager encryption feature to securely encrypt your business data.
- Compliance data storage**  
 RDX WORM 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 removable drive cartridge 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 cartridge 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.

### Enhanced flexibility with the choice of SSD and HDD

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. In addition, the mix and match of SSD and HDD removable drive cartridges allows the adaptation of specific application requirements.

### 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 cartridges 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, plus support of RDX Manager encryption utilities with RDX QuikStation.

Specifications	RDX QuikStation 4		RDX QuikStation 8
<b>Form Factor</b>	1U Rackmount	Desktop	2U Rackmount
<b>Part Number</b>	8920-RDX	8922-RDX	8945-RDX
<b>Network Connectivity</b>	4 x 1 Gigabit Ethernet, 1x IPMI, RJ-45 connector		2 x 10 Gigabit Ethernet, 1x IPMI, RJ-45 connector
<b>Network Mode</b>	Active backup/failover, bonded or adaptive load balancing		
<b>Data Transfer Rate</b>	Up to 400 MB/s *		Up to 2000 MB/s *
<b>Capacity</b>	Cartridge dependent (online): 32TB using 4 x 8TB SSD cartridges, unlimited offline capacity *		Cartridge dependent (online): 64TB using 8 x 8TB SSD cartridges, unlimited offline capacity *
<b>Logical Cartridge Move Time</b>	<1 second		
<b>Configuration Options</b>	<ul style="list-style-type: none"> <li>• 1-4 individual RDX QuikStor removable disk targets (addressable via 1 to 4 hosts)</li> <li>• 1-4 individual RDX QuikStor fixed disk targets (for integration with applications which do not support removable storage)</li> <li>• 1 Logical Volume with up to 4 RDX removable drive cartridges*</li> <li>• 1 Protected Logical Volume across all RDX removable drive cartridges*, RAID 5 with 1 disk fault tolerance **</li> <li>• Emulated disk autoloader (4 slots and 1 drive)</li> <li>• Emulated StorageLoader™ (4 slots and 1 LTO-3 tape drive ***)</li> <li>• Emulated StorageLibrary™ T24 (4 slots and 2 LTO-3 tape drives ***)</li> </ul>		<ul style="list-style-type: none"> <li>• 1-8 RDX QuikStor disk targets in removable and fixed disk mode (addressable via 1 to 8 hosts)</li> <li>• 2 Logical Volumes with up to 4 RDX removable drive cartridges* (addressable via 1 to 2 hosts)</li> <li>• 2 Protected Logical Volumes with up to 4 RDX removable drive cartridges* each, RAID 5 with 1 disk fault tolerance **</li> <li>• 1 Protected Logical Volume with up to 8 RDX removable drive cartridges*, RAID 6 with 1 disk fault tolerance **</li> <li>• Emulated StorageLoader™ (8 slots and 1 LTO-3 tape drive ***)</li> <li>• Emulated StorageLibrary™ T24 (8 slots and 2 LTO-3 tape drives ***)</li> <li>• Emulated disk autoloader (8 slots and 1 drive)</li> <li>• 1 hybrid configuration that offers a combination of a LTO StorageLoader and 4 RDX targets</li> </ul>
<b>Remote Management</b>	Integrated browser-based management console with multi language support: English, French, German, Italian, Spanish, Chinese & Japanese.		
<b>USB Ports</b>	Front and Rear USB Ports		
<b>Removable Cartridge Bays</b>	4 x RDX Bays		8 x RDX Bays
<b>Environmental Specifications</b>			
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)
<b>Product Specifications</b>			
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)		
<b>Other Features and Options</b>			
Redundant Power Supply	Optional (part.-no. 8995-RDX)		
RDX TENCASE	Optional, stores up to 10 RDX removable drive cartridges 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 removable drive cartridges not included)		
<b>Software Compatibility</b>	RDX supports all leading OS including Windows, Mac OS, and Linux; as well as such leading backup solutions as Veeam, Veritas, Commvault, Arcserve ( <a href="#">Full Compatibility Matrix</a> )		
<b>Standard Warranty</b>	3-years OverlandCare Bronze Level (Advanced Replacement Service, where available)		

\* Total capacity and performance is cartridge and operation mode dependent.

\*\* Logical Volumes are available in fixed or removable mode.

\*\*\* LTO-3 Emulation does not limit the capacity of the RDX cartridge used.



Sales and support for Overland-Tandberg products and solutions are available in over 100 countries. Contact us today at [sales@overlandtandberg.com](mailto:sales@overlandtandberg.com). Visit [OverlandTandberg.com](http://OverlandTandberg.com).