

RDX® Media

Secure, rugged and reliable data storage



Key Benefits

- Business continuity**
 Backup, bare metal restore, air-gap and RansomBlock features deliver a secure and flexible safety net for remote workers.
- Cyber security and resilience**
 Block unauthorized write access to protect against viruses and ransomware with RDX RansomBlock.
- Encryption**
 Use RDX Manager software and RDX systems to securely encrypt* business data, with support for FIPS 140-2 validated standards.
- Regulatory and compliance certification**
 RDX WORM media ensures immutable (tamper-proof) data archiving, as certified by KPMG.
- Impact resistant reliability**
 Highly durable media design protects against drops, electrostatic discharges; while vibration isolation ensures optimum write/read performance.
- Data lifecycle management**
 Meta data and serial barcoding allow for logical data workflow for hybrid cloud backup and/or archiving.



RDX TENCASE

The Overland-Tandberg RDX technology is an established business standard for removable disk storage, with capabilities superior to typical data storage products. RDX is trusted for its business continuity and security attributes. The advanced security features and impact resistant, on-the-go, design makes RDX a highly secure and reliable data repository for off-site disconnected storage for disaster recovery and compliance.

New risks demand new business continuity strategies

The rise of ransomware attacks has shown that data, even backups, when connected to the network are still a target. RDX media can be air-gapped so that backup data is isolated from the network or cloud.

Advanced security features

RDX technology security features include RDX RansomBlock** for cyber security resilience; RDX WORM* for immutable workflow or compliance archiving; and encryption for data exchange and data vaulting using RDX Manager software.

Investment protection and lower TCO

The forward and backward compatibility of all RDX media generations ensure longer value. Each new media type undergoes rigorous quality tests to ensure highest reliability and durability. To scale media capacity or use advanced security features simply switch to a new cartridge. Easy to navigate RDX manager console and push-button operation virtually eliminates the need for IT support.

RDX TENCASE

RDX TENCASE is the ideal solution for transportation and long-term safekeeping of up to 10 RDX media cartridges. RDX TENCASE is a rugged case, which withstands drops, dust and harsh environments. It is water-resistant and can be secured with two padlocks for theft-protection.

Positioning	HDD Media		WORM Media	
Use Cases	Suitable for most storage applications		Long term archiving, meets regulatory compliance requirements	
Backup	✓		-	
Archiving	✓		✓	
Data Exchange	✓		✓	
Advantages	Affordable, high capacity		Meets regulatory requirements	
Specifications				
Capacity	500GB, 1TB, 2TB, 4TB, 5TB		1TB, 2TB, 4TB	
Performance				
Transfer Rate*	up to 150MB/s		up to 150MB/s	
Access Time	<15ms		<15ms	
Compatibility	Compatible to all RDX drives			
Supported file systems	NTFS, FAT32, exFAT, ext4 and Mac OS Extended (HFS Plus)			
Reliability and Data Integrity				
Unrecoverable Error Rate	1 error in 10 ¹⁴ bits read			
Drop Shock (non-operating)	1m drop to tile over concrete floor			
Load/Unload (minimum)	5.000			
MTTF	550,000 Hours (HDD/SSD dependent)			
Environmental (operating)				
Temperature	10°C to 40°C (50°F to 104°F)			
Relative Humidity	20% - 80%, (non-condensing)			
Vibration	0,5G			
Altitude	-15m to 3,048m (-50ft to 10,000 ft)			
Environmental (shipping)				
Temperature	-40°C to 65°C (-40°F to 149°F)			
Relative Humidity	8% - 90%, (non-condensing)			
Maximum Wet Bulb	38°C (100°F), (non-condensing)			
Vibration	1G			
Altitude	-15m to 10,660m (-50ft to 35,000 ft)			
Archival Environmental				
Temperature	5°C to 26°C (41°F to 78°F)			
Relative Humidity	8% - 90%, (non-condensing)			
Maximum Wet Bulb	25°C (77°F), (non-condensing)			
Dimension (HxWxL)	23mm x 87mm x 119mm (0.9 in x 3.4 in x 4.7 in)			
Weight	165g (0.364 lbs.) - 272g (0.600 lbs.) (HDD dependent)			
Part No.	500GB: 8541-RDX 1TB: 8586-RDX 2TB: 8731-RDX	4TB: 8824-RDX 5TB: 8862-RDX	1TB: 8868-RDX 2TB: 8869-RDX 4TB: 8870-RDX	
Warranty and Service	Free technical support and three years advanced replacement service			
Accessories				
RDX TENCASE	Optional, stores up to 10 RDX media in a robust and secure box (part no. 1022291)			
Related Products				
RDX QuikStor	Removable Disk System (download the datasheet)			
RDX QuikStation	Removable Disk Appliance (download the datasheet)			

*drive and media dependent



Sales and support for Overland-Tandberg products and solutions are available in over 100 countries. Contact us today at sales@overlandtandberg.com. Visit OverlandTandberg.com.