

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.
- Encryption**
 Use RDX Manager software and RDX systems to securely encrypt business data, with support for FIPS 140-2 validated standards.
- Regulatory and compliance adherence**
 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 standard, with attributes beyond other simple data storage products. RDX is the trusted removable disk technology. Its business continuity tools and impact resistant design make RDX a highly secure and reliable data repository. On-the-go capability makes it ideal for off-site disconnected storage for disaster recovery. Your lifeline for all your business data.

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 data is isolated from the network or cloud.

Advanced security features

RDX technology security features include 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 types undergoes rigorous RDX quality tests to ensure high quality, reliability and durability. To scale media capacity or use advanced security features is done by switching 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 cartridge. 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 of critical data.

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	HDD Media	WORM Media
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



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