RDX® Media

Secure, rugged and reliable data storage





RDX TENCASE

Key Benefits

- **Business continuity**
  Designed for business grade applications to backup, archive and store business critical data.
- **Hybrid-Cloud data protection**
  Software controlled media removability and easy handling provide Air-Gap security and Data To Go capabilities for business data and Cloud integration.
- **Workflow integration and data management**
  A keyed media, meta data and unique media serial number identifier allow logical Hybrid-Cloud workflow integrations.
- **Built-in security**
  Set physical write protection or use RDX Manager software with up to 8 passwords for controlled write/read access permissions.
- **Encryption**
  Build your data treasury using RDX Manager software and RDX systems to securely encrypt your business data with FIPS 140-2 validated standards.
- **Cyber security and resilience**
  RDX RansomBlock software for full protection against malware attacks.
- **Compliance data management**
  RDX WORM media software solution has been assessed by KPMG for compliance archiving and workflow integration.
- **Everlasting value**
  RDX pays for itself by reducing operational and maintenance cost. The RDX media backward and forward compatibility allows user to upgrade to higher capacity and quality-controlled media without compromise.
- **Rugged and tough**
  Shock and drop protected media design ensures durability and reliability. The media is protected against electrostatic discharge events and vibration isolation ensures best write/read performance.

The Overland-Tandberg RDX technology is an established standard, with attributes beyond other simple data storage products. RDX is the trusted removable disk technology. The tough, armoured design provides a reliable and valuable data repository. On-the-go capability makes it ideal for off-site disconnected storage for disaster recovery. Your lifeline for all your business data.

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 media 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 media generations ensure an everlasting value. Low service cost and nearly no maintenance effort let RDX pay for itself. New media types have to pass RDX quality tests before they are introduced to the market. This ensures high quality, reliability and durability. The easy data management integration eliminates cost. Keyed media, meta data and unique identifier allow secure Hybrid-Cloud workflow deployment.

Security features

The RDX technology provides security features like RDX WORM* for compliance archiving and workflows, RDX RansomBlock* for cyber security resilience of backup data and secure data encryption as well as read/write access permission management for data exchange and data vaulting.

RDX TENCASE

RDX TENCASE is the ideal solution for transportation and long-term safe-keeping of up to 10 RDX media. 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.

*optional

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			Compatible to all RDX drives		
Reliability and Data Integrity						
Unrecoverable Error Rate	1 error in 10^{14} bits read			1 error in 10^{14} bits read		
Drop Shock (non-operating)	1m drop to tile over concrete floor			1m drop to tile over concrete floor		
Load/Unload (minimum)	5.000			5.000		
MTTF	550,000 Hours			550,000 Hours		
Environmental (operating)						
Temperature	10°C to 40°C (50°F to 104°F)			10°C to 40°C (50°F to 104°F)		
Relative Humidity	20% - 80%, (non-condensing)			20% - 80%, (non-condensing)		
Vibration	0,5G			0,5G		
Altitude	-15m to 3,048m (-50ft to 10,000 ft)			-15m to 3,048m (-50ft to 10,000 ft)		
Environmental (shipping)						
Temperature	-40°C to 65°C (-40°F to 149°F)			-40°C to 65°C (-40°F to 149°F)		
Relative Humidity	8% - 90%, (non-condensing)			8% - 90%, (non-condensing)		
Maximum Wet Bulb	38°C (100°F), (non-condensing)			38°C (100°F), (non-condensing)		
Vibration	1G			1G		
Altitude	-15m to 10,660m (-50ft to 35,000 ft)			-15m to 10,660m (-50ft to 35,000 ft)		
Archival Environmental						
Media Archive Life	10 Years			10 Years		
Temperature	5°C to 26°C (41°F to 78°F)			5°C to 26°C (41°F to 78°F)		
Relative Humidity	8% - 90%, (non-condensing)			8% - 90%, (non-condensing)		
Maximum Wet Bulb	25°C (77°F), (non-condensing)			25°C (77°F), (non-condensing)		
Dimension (HxWxL)	23mm x 87mm x 119mm (0.9in x 3.4in x 4.7in)			23mm x 87mm x 119mm (0.9in x 3.4in x 4.7in)		
Weight	165g (0.364 lbs.) - 272g (0.600 lbs.) (HDD dependent)			165g (0.364 lbs.) - 272g (0.600 lbs.) (HDD dependent)		
Part No.	500GB: 8541-RDX 1TB: 8586-RDX	2TB: 8731-RDX 3TB: 8807-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)					

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries.
Contact us today at salesemea@overlandtandberg.com. Visit OverlandTandberg.com.

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