Your lifeline for all your business needs

Key Benefits

- **Business continuity**
  Designed for any business grade applications to backup, archive and store business critical data.

- **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.

- **Versatility**
  Comfortable Hybrid-Cloud integration with state of the art interfaces and configurations

- **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.

- **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 without capacity limitations though media spanning and off-site vaulting

- **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 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.

- **Built in security**
  Set physical write protection or use RDX Manager software with up to 8 passwords for controlled write/read access permissions.

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

Data management for Hybrid-Cloud

The exploding growth of mission-critical digital content combined with government-regulated retention policies has created a need for secure, reliable and portable data protection solutions at an affordable cost. The Overland-Tandberg RDX QuikStor technology delivers a rugged design for maximum data protection and secure handling. Full backward/forward compatibility allows users to scale to higher capacities, without worrying about data migration.

Business continuity and disaster recovery

RDX Technology is designed for business grade applications to ensure business continuity. The portability enables Air Gap data security and off-site data vaulting for full disaster protection, cyber resilience and secure handling for any data management workflows.

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 with RDX Manager Software.

Reducing OPEX and TCO

The forward and backward compatibility of all RDX media generations ensures an everlasting value. 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 are lowering cost in your eco-friendly Hybrid-Cloud business.

Additional scalability, media rotation and automated media handling is made easy with our RDX QuikStation network attached appliances and can be used with any RDX Media available in various capacity points.

*optional

Specifications	Internal RDX Systems		External RDX Systems
Form Factor	3.5 in. (SATA III/USB 3.0)	5.25 in. (SATA III/USB 3.0)	External Housing (USB 3.0)
Height	41 mm (1.63 in.)	41 mm (1.63 in.)	52 mm (2.04 in.)
Width	102 mm (4.00 in.)	147 mm (5.78 in.)	110 mm (4.32 in.)
Length	159 mm (6.28 in.) incl. bezel	171 mm (6.72 in.) incl. bezel	178 mm (7.00 in.) incl. bezel
Weight	408 g (0.9 lb.)	635 g (1.4 lb.)	615 g (1.35 lb.)
Mounting & Operating Orientation	Horizontal or Vertical		
Interface	SATA III	USB 3.0	USB 3.0 (USB powered)
Interface Connector	SATA	Type-B	Type-B
Interface Operation Mode	Removable disk	Removable disk & Fixed disk	Removable disk & Fixed disk
Transfer Rate Average Sustained (Media Dependent)	Up to 330 MB/s*	Up to 260 MB/s*	Up to 260 MB/s*
Power Specifications	SATA III	USB 3.0	USB 3.0 (USB powered)
Voltage	+5 V / +12 V		+5 V
Current at Read/Write (Typical/Peak)	0.9 A / 1.6 A / 0.005 mA / 1.4 A		0.9 A / 1.6 A
Power Connector	SATA Power	4-Pin Molex	optional: 5.5 mm ⊖—Ⓒ—⊕
Power Adapter	4-Pin Molex to SATA Power	SATA Power to 4-Pin Molex	optional power adapter: +5 V (+/- 10%) 2,4 A to +12 V (+/- 10%) 1,0 A

Media

Capacity	500GB, 1TB, 2TB, 4TB or 5TB See RDX Media data sheet for more information
Read/Write Compatibility	Forward/backward compatibility to all RDX systems

Reliability

Media Drop Shock (Non-operating)	1m drop to tile over concrete floor (Media)
Load-/ Unload (Minimum)	QuikStor system: 10,000 insertion / removal cycles, Media: 5,000 insertion / removal cycles
MTBF	550,000 Hours
Vibration (Max.)	0.5G (operating), 1.0G (non-operating)

Environmental

Temperature	+10°C to +40°C (+50°F to +104°F) (operating), -40°C to +65°C (-40°F to +149°F) (non-operating)
Relative Humidity	20% – 80% (non-condensing, operating), 8% – 90% (non-condensing, non-operating)
Altitude	-15 m to 3,048 m (-50 ft to 10,000 ft) (operating), -15 m to 10,660 m (-50 ft to 35,000 ft) (non-operating)

Other Features

Encryption	PowerEncrypt - hardware-based encryption for SATA III internal systems, FIPS 140-2 validated. (Software encryption is supported on all QuikStor systems.)
WORM	Enables compliant Archiving with rdxLOCK Software, KPMG certified (optional)
RansomBlock	Protects against virus and ransomware attacks with rdxLOCK Software (optional)
Compression and Deduplication	Supports software-based compression and deduplication
Windows Backup	Fixed Disk Mode for Windows Backup Utility available in all USB 3.0 versions

Accessories

RDX® TENCASE	Optional, stores up to 10 RDX media in a robust and secure box (part.-no. 1022291)
RDX® QuadPAK®	Optional, allows up to 4 RDX external QuikStor systems to be securely installed in a 19 in. rack (part.-no. 3800-RAK)
FIPS 140-2 Security Label Set	Optional, needed for validation of tamper evident for FIPS 140-2 (part. no. 1022445)

* Depending on media type

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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