Hewlett Packard Enterprise

HPE RDX Removable Disk Solutions

Reliable storage with unmatched portability, fast recovery, and easy system integration

The HPE RDX Removable Disk Solution provides small businesses and branch offices with a simple, cost-effective way to back up and protect their critical data. Complement your cloud backup strategy with a local copy so you can recover quickly and always feel confident your data is never far away.

Key selling features

Mobility—The rugged, portable cartridge design protects the hard drive inside and makes transporting data between locations easy and more reliable. Add a disaster recovery strategy to your business by simply rotating cartridges off-site.

Cloud—Complement your cloud storage and implement best practices with a local backup copy that gives you faster access to critical data whenever you need it. With RDX, data is always available and protected both off and on-premises.

Management—As your backup needs grow, you can easily and affordably expand your RDX backup by simply adding more cartridges—no new hardware required. RDX supports disk spanning so data can continue to grow across multiple cartridges.

Integration—Compatibility across various operating systems and virtualization platforms makes RDX simple to adapt into any small business environment. You can also use Fixed Disk mode for automated backups via the native Windows® OS.

Performance—With hard drive data transfer speeds and built in anti-vibration buffers, RDX is able to increase read/write speeds, lowering the time it takes for incremental or full backups. That leaves you free to concentrate on running your business.

Security—Ransomware is an increasing threat but keeping a secure offline copy of your data is a great last line of defense. RDX accepts software based encryption so your data is safe from any unauthorized access.

Cartridge specifications

Product number	Q2042A	Q2044A	Q2046A	Q2047A	Q2048A
Model	500 GB	1 TB	2 TB	3 TB	4 TB
Compressed capacity*	1 TB	2 TB	4 TB	6 TB	8 TB
Sustained transfer rate (Native)*	100 MB/s	100 MB/s	100 MB/s	100 MB/s	100 MB/s
Burst transfer rate	480 MB/s	480 MB/s	480 MB/s	480 MB/s	480 MB/s
Data access time	480 milliseconds	480 milliseconds	480 milliseconds	480 milliseconds	480 milliseconds
Supported file systems	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3
Load/Unload cycles (minimum)	5,000	5,000	5,000	5,000	5,000
MTBF	500,000 hours @ 100% duty cycle	500,000 hours @ 100% duty cycle	500,000 hours @ 100% duty cycle	500,000 hours @ 100% duty cycle	500,000 hours @ 100% duty cycle
Disk drive speed	5,400 rpm	5,400 rpm	5,400 rpm	5,400 rpm	5,400 rpm
Cartridge durability	3 ft/1m drop onto concrete floor	3 ft/1m drop onto concrete floor	3 ft/1m drop onto concrete floor	3 ft/1m drop onto concrete floor	3 ft/1m drop onto concrete floor

* All capacities and transfer rates quoted as typical use a 2:1 deduplication ratio; this may vary since the process is data dependent.

HPE RDX system bundles and standalone docks

Description	HPE part number
HPE RDX Internal Disk Backup System	
HPE RDX 1 TB Internal Disk Backup System	B7B67A
HPE RDX 2 TB Internal Disk Backup System	E7X52A
HPE RDX 3 TB Internal Disk Backup System	P9L71A
HPE RDX 4 TB Internal Disk Backup System	Q2R32A
HPE RDX External System Bundles	
HPE RDX 1 TB External Disk Backup System	B7B69B
HPE RDX 2 TB External Disk Backup System	E7X53B
HPE RDX 3 TB External Disk Backup System	P9L72A
HPE RDX 4 TB External Disk Backup System	Q2R33A
HPE RDX Standalone Docks	
HPE RDX Internal Docking Station	C8S06A
HPE RDX External Docking Station	C8S07B

Learn more at
hpe.com/storage/rdx

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