



HPE RDX 500GB REMOVABLE DISK CARTRIDGE (Q2042A)

RDX Media



WHAT'S NEW

- 4 TB cartridge and backup system, increasing backup and recovery capacity by 33 percent over the previous generation.
- Choice of disk capacities ranging from 500 GB, 1 TB, 2 TB, 3 TB and 4 TB.
- Compatibility across various operating systems and virtualization platforms.

OVERVIEW

Do you need a fast disk-based backup and recovery solution that can grow with your business? The HPE RDX Removable Disk Cartridge is a rugged cartridge style hard disk drive. When paired with an internal or external docking station to provide easy off-site data protection and quick access to your most critical data. HPE RDX Removable Disk Cartridge makes backups simple with drag and drop file access and fast disk based performance (up to 360 GB/hr). In HPE RDX Removable Disk Cartridge, there is a choice of disk capacities ranging from 500 GB, 1 TB, 2 TB, 3 TB and 4 TB of data in a single cartridge. These long lasting removable disk cartridges are forward and backward compatible with all the HPE RDX USB 3.0 Internal and External Docking Stations, lowering your overall cost of ownership.

FEATURES

Outstanding Reliability and Durability

The HPE RDX Removable Disk Cartridge is designed for over 5,000 load and unload cycles and designed for long life expectancy.

Cartridges are tested to withstand a drop of 1 meter (39.4 in) making them more reliable for easy transport and store off-site for disaster recovery.

These rugged, portable cartridges protect the hard drive inside supporting making transporting data between locations easy and more reliable.

Business Class Design Features

The HPE RDX Removable Disk Cartridge has built-in static protection reducing server failures due to statically charged peripherals.

Inner buffers designed to lower vibration for better read/write disk performance.

Supports disk spanning so backup data can continue to grow across multiple cartridges.

Easy to Own and Manage

Each HPE RDX Removable Disk Cartridge is qualified and tested making it easy to integrate into your server, storage and networking environments.

Compatibility across various operating systems and virtualization platforms makes it simple to adapt into any small business environment.

Fixed disk mode capabilities offering easy automated backups via the native Microsoft® Windows® OS.



Technical specifications**HPE RDX 500GB Removable Disk Cartridge**

Product Number (SKU)	Q2042A
Capacity	500 GB Raw 1 TB Compressed 2:1
Read speed, media	30 MB/sec
Transfer rate	100 MB/sec, sustained transfer rate (native)
Data access time	12 Milliseconds
Files systems, supported	FAT32, NTFS, ext2, ext3
Load/unload cycles	5000 Minimum
Mean time between failures	500,000 Hours @100% duty cycle
Uncorrected error rate	1 error per 10 ¹⁴ bits read
Cartridge robustness	1 m, 39.4 in (3 feet) drop to tile over concrete floor
Form factor	2.5 inch
Drive compatibility url	http://www.hptapecompat.com/
LED indicators	Green – cartridge is ready Blinking Green – Activity (reading, writing, seeking) Amber – Fault detected
Vibration	Sine vib 0.25G peak, 3-200 Hz (operational), random vib 1.54G RMS (non-operational)
Operating humidity range	20 to 80%, Non Condensing
Product Dimensions (metric)	20.29 x 13.51 x 8.51 cm
Weight	0.385 kg
Warranty	3-Year Warranty



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Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

Operational Services from HPE Pointnext Services

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- **[HPE Proactive Care](#)** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **[HPE Foundation Care](#)** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more](#).

Other related services

[Defective Media Retention](#) is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

[HPE Service Credits](#) offers a menu of technical services, access additional resources, and specialist skills.

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

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