

HPE RDX 4TB Removable Disk Cartridge (Q2048A)

Storage 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. Backups are simple with drag and drop file access and fast disk based performance (up to 360 GB/hr). 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.

Fixed disk mode capabilities offering easy server operating system integration in a small business environment.

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 4TB Removable Disk Cartridge

Product Number (SKU)	Q2048A
Capacity	3TB Without compression Without compression Without compression Depending on the drive and disk cartridge type
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
Drive Rotation Speed (RPM)	5400rpm
Cartridge robustness	1 m, 39.4 in (3 feet) drop to tile over concrete floor
Form factor	2.5 inch
Drive compatibility	HPE RDX drives
Drive compatibility url	http://hpe.com/storage/rdx
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 temperature range	5 to 45° C
Operating humidity range	20 to 80%, Non Condensing
Storage humidity	10 to 90%, Non Condensing
Minimum dimensions (W x D x H)	23.47 x 86.60 x 119.00 mm
Weight	165 - 272 g
Warranty	3-Year Warranty

Additional resources

QuickSpecs

hpe.com/h20195/v2/GetDocument.aspx?docname=c04123372

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HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes – Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

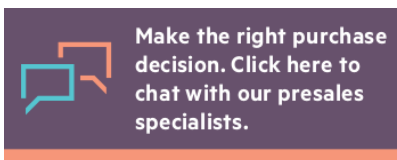
- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalise deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

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