

# HPE RDX 4TB Removable Disk Cartridge (Q2048A)



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## 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 4TB Removable Disk Cartridge

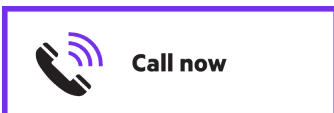
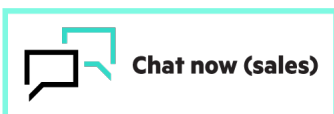
<b>Product Number</b>	Q2048A
<b>Capacity</b>	3TB Without compression Without compression Without compression Depending on the drive and disk cartridge type
<b>Read speed, media</b>	30 MB/sec
<b>Transfer rate</b>	100 MB/sec, sustained transfer rate (native)
<b>Data access time</b>	12 Milliseconds
<b>Supported file systems</b>	FAT32, NTFS, ext2, ext3
<b>Load/unload cycles</b>	5000 Minimum
<b>Mean time between failures</b>	500,000 Hours @100% duty cycle
<b>Uncorrected error rate</b>	1 error per 10 <sup>14</sup> bits read
<b>Cartridge robustness</b>	1 m, 39.4 in (3 feet) drop to tile over concrete floor
<b>Form factor</b>	2.5 inch
<b>Drive compatibility url</b>	<a href="http://hpe.com/storage/rdx">http://hpe.com/storage/rdx</a>
<b>LED indicators</b>	Green – cartridge is ready Blinking Green – Activity (reading, writing, seeking) Amber – Fault detected
<b>Vibration</b>	Sine vib 0.25G peak, 3-200 Hz (operational), random vib 1.54G RMS (non-operational)
<b>Operating humidity range</b>	20 to 80%, Non Condensing
<b>Product dimensions (metric)</b>	23.47 x 86.60 x 119.00 mm
<b>Weight</b>	165 - 272 g
<b>Warranty</b>	3-Year Warranty



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

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## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

[The Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

Explore **HPE GreenLake**

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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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