



The HP RDX Removable Disk Cartridge is an easy to use, affordable and rugged removable disk cartridge that provides data protection for workstations and entry level servers. Used with an RDX docking station, it is the ideal entry level backup solution for micro or small companies who want to focus on running their business, not their backup.



Key Features and Benefits

- **Choice of 160 GB, 320 GB or 500 GB** capacity removable disk cartridges.
- **Drag and drop file access** makes backup as easy and convenient as the click of a mouse.
- **Compatible** with leading CDP/ISV backup software applications.
- **Backup data at fast hard drive speeds (up to 108 GB/hr)** and restore critical files in seconds with random disk access.
- **Disk cartridges designed for long usage life** – over 5,000 load/unload insertions.
- **Portable, durable and shock proof cartridges** (can withstand drop of 3 feet/1 metre).
- **Broad compatibility** with a wide range of servers and operating systems (using HP RDX internal or external docking station).
- **Cartridges are interchangeable** in any HP RDX docking station.
- **Supporting tools** – HP StorageWorks LT&T available as a download with the docking station to make installation, performance tuning and troubleshooting simple.



Drive/Media Compatibility

Hardware	160 GB	320 GB	500 GB
HP RDX 160 GB External Removable Disk Backup System	Read/Write	Read/Write	Read/Write
HP RDX 160 GB Internal Removable Disk Backup System	Read/Write	Read/Write	Read/Write
HP RDX 320 GB External Removable Disk Backup System	Read/Write	Read/Write	Read/Write
HP RDX 320 GB Internal Removable Disk Backup System	Read/Write	Read/Write	Read/Write
HP RDX 500 GB External Removable Disk Backup System	Read/Write	Read/Write	Read/Write
HP RDX 500 GB Internal Removable Disk Backup System	Read/Write	Read/Write	Read/Write

For full Hardware and Media compatibility go to www.hptapecompat.com

Specifications

All capacities and performance compressed.

Product No.	Q2040A	Q2041A	Q2042A
Reseller Product Number			
Model	160 GB	320 GB	500 GB
Format			
Compressed Capacity*	320 GB	640 GB	1000 GB
Sustained Transfer Rate*	60 MB/sec	60 MB/sec	60 MB/sec
Burst Transfer Rate	480 MB/sec	480 MB/sec	480 MB/sec
Data Access Time	480 milliseconds	480 milliseconds	480 milliseconds
Supported File Systems	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3
Load/Unload Cycles (Min)	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
Uncorrected Error Rate	1 Error Per 10 ¹⁴ Bits Read	1 Error Per 10 ¹⁴ Bits Read	1 Error Per 10 ¹⁴ Bits Read
Disk Drive Speed	5,400 rpm	5,400 rpm	5,400 rpm
Form Factor	2.5 inches	2.5 inches	2.5 inches
Environmental Properties			
Operating Temperature Range	41 to 113 °F (5 to 45 °C)	41 to 113 °F (5 to 45 °C)	41 to 113 °F (5 to 45 °C)
Non-Operating Temperature Range	-40 to 149 °F (-40 to 65 °C)	-40 to 149 °F (-40 to 65 °C)	-40 to 149 °F (-40 to 65 °C)
Operating Humidity Range	20 – 80% Non-Condensing	20 – 80% Non-Condensing	20 – 80% Non-Condensing
Non-Operating Humidity Range	10 – 90% Non-Condensing	10 – 90% Non-Condensing	10 – 90% Non-Condensing
Altitude Vibration	-50 ft to 10,000 ft (-15.24 m to 3,048 m)	-50 ft to 10,000 ft (-15.24 m to 3,048 m)	-50 ft to 10,000 ft (-15.24 m to 3,048 m)
Cartridge Robustness	3 ft /1 m Onto Concrete Floor	3 ft /1 m Onto Concrete Floor	3 ft /1 m Onto Concrete Floor
Logistics			
Unit (in case)			
External Dimensions (cm)	L 20.3 x W 13.5 x H 8.5	L 20.3 x W 13.5 x H 8.5	L 20.3 x W 13.5 x H 8.5
Weight (g)	345	349	385
Quantity	1	1	1
UPC	8 83585-94424 8	8 83585-94425 5	8 84420-36108 4
Master Carton			
External Dimensions (cm)	L 58.6 x W 43.5 x H 56	L 58.6 x W 43.5 x H 56	L 58.6 x W 43.5 x H 56
Weight (Kg)	22.12	22.57	24
Quantity	56 Cartridges	56 Cartridges	56 Cartridges
ITF-14	NA/Overpack Only	NA/Overpack Only	NA/Overpack Only

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

For full product specs, visit www.hptapecompat.com
 For Custom Labelled media, visit www.hptapemedia.com
 To learn more, visit www.hp.com/go/storagemedia

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 Produced in the U.K. 4AA2-3157EEE, November 2008

