

HP RDX Removable Disk Cartridges



An easy to use, affordable and rugged removable disk cartridge



Learn more at
hp.com/go/rdx

The HP RDX Removable Disk Cartridge provides data protection for workstations and entry level servers. Used with an RDX+ docking station, it is the ideal backup solution for remote locations and single server businesses who want to focus on running their business, not their backup.

Key features and benefits

- Requires no separate power source. RDX+ is USB power capable, which means it can be used anywhere in the field.
- Choice of 320 GB, 500 GB, 1 TB or 2 TB 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 360 GB/hr uncompressed data*) 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 meter).
- Broad compatibility with a wide range of servers and operating systems, including Windows® 8, Windows Server 2012 and Linux-based Network Attached Storage.
- Cartridges are interchangeable in any HP RDX+ docking station.

*Where 1 KB = 1,000 Bytes

RDX Backup solutions

Hardware	HP Part Number	Hardware	HP Part Number
HP RDX+ 500 Ext Disk Backup System	B7B66B	HP RDX USB 3.0 Internal Docking Station	C8S06A
HP RDX+ 1 TB Ext Disk Backup System	B7B69B	HP RDX 320 USB 3.0 Int Disk Backup System	B7B62A
HP RDX+ 2 TB Ext Disk Backup System	E7X53B	HP RDX 500 USB 3.0 Int Disk Backup System	B7B64A
HP RDX+ External Docking Station	C8S07B	HP RDX 1 TB USB 3.0 Int Disk Backup System	B7B67A
HP RDX USB 3.0 External Docking Station	C8S07A	HP RDX 2 TB USB 3.0 Int Disk Backup System	E7X52A

Specifications

All capacities and performance compressed.

Product No.	Q2041A	Q2042A	Q2044A	Q2046A
Model	320 GB	500 GB	1 TB	2 TB
Country of Origin	China	China	China	China
Import Code (National HTS#)	8471704065	8471705095	8471705095	8471705065
Format				
Compressed Capacity*	640 GB	1 TB	2 TB	4 TB
Sustained Transfer Rate (native)*	100 MB/sec	100 MB/sec	100 MB/sec	100 MB/sec
Burst Transfer Rate	480 MB/sec	480 MB/sec	480 MB/sec	480 MB/sec
Data Access Time	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
Load/Unload Cycles (Min)	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
Uncorrected Error Rate	1 Error Per 10 ¹⁴ Bits Read	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	5,400 rpm
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)	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)	-40 to 149 °F (-40 to 65 °C)
Operating Humidity Range	20 – 80% Non-Condensing	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	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)	-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	3 ft / 1 m onto Concrete Floor
Logistics				
Unit (in case)				
External Dimensions (cm)	W 19 x H 11.2 x D 7	W 19 x H 11.2 x D 7	W 19 x H 11.2 x D 7	W 19 x H 11.2 x D 7
Weight (g)	360	360	360	360
Quantity	1	1	1	1
UPC	8 83585-94425 5	8 84420-36108 4	8 85631-83010 9	8 88182-523124
Master Carton				
External Dimensions (cm)	W 57.2 x H 35.3 x D 39.6	W 57.2 x H 35.3 x D 39.6	W 57.2 x H 35.3 x D 39.6	W 57.2 x H 35.3 x D 39.6
Weight (Kg)	18.54	18.56	17.95	19.59
Quantity	50 Cartridges	50 Cartridges	50 Cartridges	50 Cartridges
ITF-14	NA/Overpack Only	NA/Overpack Only	NA/Overpack Only	NA/Overpack Only

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

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