

HPE RDX Removable Disk Solutions

Secure storage with unmatched portability,
fast recovery and easy system integration.



The Hewlett Packard Enterprise RDX Removable Disk solution provides data protection for workstations and entry-level servers like the HPE ProLiant ML30 G9. Used with an RDX docking station, it is the perfect backup solution for remote locations and single server businesses who want to focus on running their business, not their backup.

Key features and benefits

- **Cartridge-style hard drive.** Reliable portability when transporting data outside the office or offsite for disaster recovery.
- **Low power ruggedized dock.** Offers flexibility to plug it in anywhere and feel confident your data is safe.
- **Easy Integration.** HPE qualified and tested, making it easy to integrate into your server, storage and networking environments.
- **Local disk backup.** Ability to recover quickly with disk-to-disk backup and peace of mind your data is never far away.
- **Barracuda backup software** with scheduled backup and data encryption so you can keep your data safe and secure.
- **Business class design features.** Additional level of performance and protection designed to withstand the constant demands of your IT environment.
 - **Static protection** eliminates server failures due to statically charged peripherals.
 - **Vibration isolation** using inner buffers that lower vibration, increasing read/write disk performance.
 - **Disk spanning** offers the ability to add cartridges during backup, dynamically increasing data capacity.
 - **Fixed disk mode** allows RDX to easily integrate into multiple small business OS environments.

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HPE RDX system bundles and standalone docks

DESCRIPTION	HPE PART NUMBER	DESCRIPTION	HPE PART NUMBER
HPE RDX System Bundles		HPE RDX Standalone Docks	
HPE RDX 500 GB Ext Disk Backup System	B7B66B	HPE RDX 1 TB Int Disk Backup System	B7B67A
HPE RDX 1 TB Ext Disk Backup System	B7B69B	HPE RDX 2 TB Int Disk Backup System	E7X52A
HPE RDX 2 TB Ext Disk Backup System	E7X53B	HPE RDX 3 TB Int Disk Backup System	P9L71A
HPE RDX 3 TB Ext Disk Backup System	P9L72A	HPE RDX Internal Docking Station	C8S06A
HPE RDX 500 GB Int Disk Backup System	B7B64A	HPE RDX External Docking Station	C8S07B

Cartridge specifications

All capacities and performance compressed.

PRODUCT NO.	Q2042A	Q2044A	Q2046A	Q2047A
Model	500 GB	1 TB	2 TB	3 TB
Country of Origin	China	China	China	China
Import Code (National HTS#)	8471705095	8471705095	8471705065	8471704065
Format				
Compressed Capacity*	1 TB	2 TB	4 TB	6 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)	344	368	382	455
Quantity	1	1	1	1
UPC	8 84420-36108 4	8 85631-83010 9	8 88182-523124	1 90017-05280 9
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)	18.56	19.76	19.59	20.46
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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