

### Overview

### HPE RDX Removable Disk Backup System

Need a simple, inexpensive and reliable way to protect the data and systems critical to your small business?

The HPE RDX Removable Disk Backup System delivers an easy-to-use, affordable and rugged data protection solution for workstations and servers. Backups are simple and pain-free with drag and drop file access. Included with the HPE RDX+ drive is the option to download Yosemite Server Backup Basic software, providing a backup and recovery application to protect a single server, or you can use a software of your choice. Reduce cost of ownership with long lasting removable disk cartridges and a forward and backward compatible docking station that does not require a costly upgrade for future, higher capacity cartridges. The RDX Removable Disk Backup System offers fast disk-based performance with the ability to store 500 GB, 1 TB or 2 TB of data on a single removable disk cartridge at speeds of up to 360 GB/hr with USB 3.0. Portable, durable and rugged removable disk cartridges simply and securely store your backups off site for complete data protection and peace of mind.



### HPE RDX+ Removable Disk Backup System

### What's New

The new HPE RDX+ Removable Disk Backup System USB 3.0 version is powered by USB, no separate power cord required.

## Features

### Key Features

- Drag and drop file backup and restore
- Ability to operate in a “fixed disk” mode or using the software of your choice (the option to download Yosemite Server Backup Basic with encryption is also available)
- Up to 360 GB/hour\* transfer rate (uncompressed data) - \* Where 1KB = 1,000 Bytes
- Fast disk based random access file retrieval
- Choice of 500 GB, 1 TB or 2 TB capacity removable disk cartridges (interchangeable in any HPE RDX/RDX+ docking station)
- Compatibility with leading ISV backup software applications
- Disk cartridges designed for long usage life - over 5,000 load/unload insertions
- Compatible with future higher capacity cartridges and mobile 2.5 inch Hard Disk Drive technology roadmap
- Portable, durable and shock proof cartridges
- Easy to install (USB 3.0 plug and play) external docking station for removable cartridges
- HPE RDX docking stations easily connect externally as a tabletop. By inserting a removable disk cartridge into the docking station, the cartridge automatically appears as a letter drive in Windows Explorer with no extra steps or formatting.
- Broad compatibility with a wide range of servers and operating systems
- Supporting tools -- HPE LT&T available as a download with the drive to make installation, performance tuning and trouble-shooting even easier

---

### Customer Benefits

#### **The simple way to protect your business data**

- Drag and drop file access makes backup as easy and convenient as the click of a mouse
- Use with software of your choice or in fixed-disk mode
- Less time spent on backups with fast disk based file transfer/retrieval performance
- Flexibility to meet budget and capacity requirements with choice of cartridge capacities
- Usage model fits traditional backup architecture (e.g. ISV software) if required

#### **Reduces total cost of protecting your business data**

- Long usage life span of cartridges lowers media replacement costs
- No need to replace docking station when future higher capacity cartridges are available

#### **Simply and securely store backups off-site for complete data protection**

- Portable/durable disk cartridges enable easy off site archiving and disaster recovery
- Rugged cartridge protects data from drops, ESD and harsh environmental conditions for secure archiving/transportation/archiving
- Plug and play USB dock allows flexible media rotation and easy future scalability

## Product Highlights

### Product Highlights

**Combines the best of tape and disk**

The HPE RDX Removable Disk Backup System is based on removable disk technology that handles and operates like a traditional tape drive and media, yet has all of the advantages of disk-to-disk backup. The HPE RDX Removable Disk Backup System allows backups to be accomplished with standard ISV backup applications, fixed disk mode, or data can be dragged and dropped directly to the rugged removable storage media. To the host computer, the HPE RDX Removable Disk Cartridge appears as a Windows drive letter with the high performance benefits of a disk based backup system.

---

**Easy to implement and use**

Many small business customers have limited time, knowledge, experience or desire to dedicate to backup and therefore currently have no or very rudimentary backup processes in place. The HPE RDX Removable Disk Backup System offers these customers a complete backup solution that is simple to implement and easy to use.

Installation is an easy and quick process of connecting the industry standard form factor HPE RDX Removable Disk Backup System USB docking station or externally as a tabletop.

Backing up is a simple matter of inserting a removable disk cartridge into the docking station. The cartridge will automatically show up as a letter drive in Windows explorer with no extra formatting or extra steps required. Simply select the files that need to be protected and drag them into the removable drive folder. To restore files, just reverse the process.

Included with the HPE RDX+ drive is the option to download Yosemite Server Backup Basic software, providing an encrypted backup and recovery application to protect a single server. HPE RDX+ (and RDX) USB 3.0 Removable Disk Backup Systems can also operate in a "Fixed Disk" mode. This allows Windows Operating Systems to view HPE RDX/RDX+ USB 3.0 drives as a valid disk target, allowing the drives to be used with integrated Windows Backup Applications (rather than requiring third party software). Details of operation can be found in the HPE RDX Utility software.

---

**Fast backup and restore**

Staff productivity and thus customer service can be negatively impacted by the lengthening backup window and restore/recovery times associated with optical backup solutions. The HPE RDX Removable Disk Backup System provides a backup solution that backs up and retrieves data quickly and reliably thus optimizing application availability and staff productivity.

Data can be backed up to HPE RDX Removable Disk Cartridges at hard drive speeds (up to 360 GB/hour). HPE RDX Removable Disk Cartridges are randomly accessed and read so critical single files and selected file stores can be restored in seconds instead of hours.

---

**Affordable cost of ownership**

Many small business customers have limited IT budget available for data protection with business owners wanting to reduce IT capital and operational expenditure and protect IT investments to optimize business profitability. The HPE RDX Removable Disk Backup System provides a complete backup solution that has low initial acquisition costs and low on-going media and upgrade costs.

Total cost of ownership is lowered by the fact that HPE RDX Removable Disk Cartridges are specified for 5,000 insertion/removal cycles, so HPE RDX Removable Disk Cartridges will not wear out (and therefore need to be replaced) over the typical life cycle of the solution. Upgrade and obsolescence costs are also reduced and investment protection guaranteed by the fact that HPE RDX Removable Disk Backup System docking stations are compatible with all current and future higher capacity HPE

## Product Highlights

RDX Removable Disk Cartridges. Customers will not need to purchase a new docking station when next generation higher capacity HPE RDX Removable Disk Cartridges are released. Similarly, today's HPE RDX Removable Disk Cartridges are compatible with all current and future HPE RDX and HPE RDX docking stations. Customer's existing HPE RDX Removable Disk Cartridges will work with next generation HPE RDX docking stations when they are released.

---

### Removability and portability

To ensure complete data protection against all types of data loss - including on-site system/site destruction or natural disaster - small businesses need the ability to remove their backup and archive data off-site. The HPE RDX Removable Disk Backup System provides a backup solution that enables on-site backup data to be removed, stored and rotated off-site in an easy, safe and secure way.

HPE RDX Removable Disk Cartridges are portable (palm size), durable (2.5 inch disk drive features include ramp loading heads, fluid dynamic bearings, inactive state spin down) and rugged. The robust HPE RDX Removable Disk Cartridge is also designed to protect data from potentially damaging Electrostatic Discharge (ESD) and as well as prolonged exposure to heat, dust and other environmental contaminants.

---

### Reliability

The HPE RDX Removable Disk Backup System provides a docking station specified for more than 10,000 loads and unloads and an HPE RDX cartridge specified for over 5,000 load and unloads and long life expectancy.

---

### Easy scalability and expandability

Many growing small businesses are experiencing storage capacity growth that is outstripping the capacity/performance of current optical backup solutions. The HPE RDX Removable Disk Backup System provides a backup solution that scales easily as capacity needs grow. Adding capacity is a simple matter of adding cartridges to an existing HPE RDX Removable Disk Backup System USB docking station. The HPE RDX Removable Disk Backup System docking Station will work with all current as well future higher capacity cartridges as they are introduced. The product's roadmap leverages the industry standard mobile 2.5" hard disk drive roadmaps with new higher capacity cartridges expected to be introduced regularly.

## Compatibility

### Compatibility

The HPE extensive compatibility testing program assures that your HPE RDX Removable Disk Backup System works with leading servers, operating systems, and backup applications. For the latest list of servers, workstations, operating systems, and backup software that support the HPE RDX Removable Disk Backup System, check the HPE RDX Removable Disk Backup System compatibility pages on our web site at: <http://www.hp.com/storage/spock>.

USB 3.0 is backwards compatible with USB 2.0; however if the host device does not have a USB 3.0 port, the user will not be able to experience the full transfer rate performance that their RDX USB 3.0 system offers. Hewlett Packard Enterprise recommends the following controller for a user who currently only has USB 2.0: Startech 2 port PCI Express SuperSpeed USB 3.0 card. HPE USB 3.0 controllers do not support this product.

---

### HPE Server and Workstation Compatibility

The HPE RDX Removable Disk Backup System is compatible with HPE ProLiant servers and HPE workstations. HPE RDX Removable Disk Backup System is supported on the following classes of HPE systems:

- HPE Personal Workstations

For details of which HPE RDX Removable Disk Backup System models work with which systems, including third-party systems, visit: <http://www.hp.com/go/connect> or <http://www.hp.com/storage/spock> for the latest hardware compatibility information.

**NOTE:** Hewlett Packard Enterprise recommends that no more than one HPE RDX Removable Disk Backup System be connected to a system at a time.

---

### OS Support

Microsoft® Windows®, Linux (various distributions)

**NOTE:** Please visit: <http://www.hp.com/go/connect> or <http://www.hp.com/storage/spock> for the latest compatibility information.

---

### Backup Software Support

Yosemite Server Backup Basic Software, HPE Data Protector Express, CA BrightStor ARCserve Backup, Symantec Backup Exec, and other backup applications that support removable disk media

**NOTE:** Please visit: <http://www.hp.com/storage/spock> for the latest compatibility information.

## Service and Support, HPE Care Pack, and Warranty Information

### Warranty and Services Included with the Product

Hewlett Packard Enterprise provides a 3-year, next-day, parts exchange, limited warranty for the HPE RDX/HPE RDX+ Removable Disk Backup System, plus 9x5 phone support for the duration of the warranty.

Hewlett Packard Enterprise warrants only that the Storage software media will be free of physical defects for a period of ninety (90) days from delivery.

For more information about HPE's Global Limited Warranty and Technical Support, visit:  
[www.hp.com/storage/warranty](http://www.hp.com/storage/warranty)

### HPE Care Pack Information

#### **For increased uptime, productivity and ROI -HPE Care Pack packaged services for Storage**

These days, you need to get the most out of your storage investment-you can't afford not to. When you buy HPE storage products and solutions, it's also a good time to think about what levels of service and support you may need. To help take the worry out of deploying, designing, maintaining, and managing your environment, we've designed a portfolio of service options that are as flexible, reliable and scalable as your storage. Unlike storage-only vendors, we take a holistic approach to your entire environment, bridging storage, servers, blades, software and network infrastructures with our HPE Care Pack packaged services for Storage.

#### **Protect your business beyond the warranty**

When it comes to robustness and reliability, standard warranties on today's computing equipment have matured just as the technologies have matured. Good news on some fronts-but also a source of potential problems and subsequent consequences that come from depending on standard warranties alone. Standard warranty protects against product defects and some causes of downtime- but not the business. By using a standard approach to warranty uplifts, such as HPE Care Pack Services, you can reduce downtime risks and be more certain of operational consistency for both mission-critical and standard business computing. Simply put, HPE Care Pack Services normalize the warranty of combined products - helping you proactively guard against unplanned downtime.

#### **Extending warranties with HPE Care Pack Services**

For cost-effective upgrading or extending your standard warranty, HPE Care Pack Services offer a suite of standard reactive hardware and software support services that are sold separately, or combined as with our Support Plus and Support Plus 24 services. The portfolio also provides a combination of proactive and reactive services, such as Proactive 24 Service and Critical Service. In addition, with HPE Proactive Select we offer an innovative approach to service delivery that gives you the flexibility to acquire the specific proactive services you need today, then add services as your needs evolve. HPE Proactive Select offers a broad set of technical or per-event type service options - including server, storage, and network, SAN device, and software, environment, installation and education services. Services that you can mix and match depending on your specific requirements, from preliminary planning and equipment delivery to installation, configuration, integration, and testing, through every level of ongoing support. Our HPE Care Pack packaged services for Storage assures help when you need it most. And for many products, post-warranty HPE Care Pack Services are available when your original warranty has expired.

#### **HPE Storage Services: Offering reliability, flexibility and value-just like your storage**

HPE Storage Services offers a full spectrum of customer care, from technology support to complex

---

## Service and Support, HPE Care Pack, and Warranty Information

migrations to complete completely managed services. HPE Factory Express provides customization, integration and deployment services for turnkey solutions. HPE Education offers flexible, comprehensive training on storage networking, disk storage systems, and storage software to help your IT staff get the most out of your investments. And HPE Financial solutions extend innovative financing and asset management programs to cost-effective buy, manage and eventually retire your older equipment.

HPE Storage Services, the trusted business technology experts who manage your technology in action, because when technology works, business works. <http://www.hp.com/services/storage>

**NOTE:** Care Pack Services availability may vary by product and country.

HPE Care Pack Services are sold by HPE and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find HPE Care Pack Services at <http://www.hp.com/go/lookuptool>

---

**Recommended Support** For a higher return on your storage investment, HPE Support Plus 24 provides integrated hardware and software support services designed specifically for your technology. Available 24x7, this 3-year combined reactive support option delivers onsite hardware support and over-the-phone software support around-the-clock. Leverage the full strength of HPE Technology Services - customers can trust the services professionals at HPE to work collaboratively with them, putting our strategic and technical know-how to work across their entire infrastructure.

- Improve uptime with responsive hardware and software services
- Enjoy consistent service coverage across geographically dispersed sites
- Update HPE party software at a predictable cost
- Increase customer satisfaction-with no interoperability gaps

<http://h20195.www2.hp.com/V2/GetPDF.aspx/5981-6638EN.pdf>

---

### Recommended Deployment

HPE Installation Service.

For smooth startup and better business outcomes, HPE Hardware Installation - this service provides initial hardware installation of your product into your technology environment (system configuration is not included).

Service Features:

- Installation in accordance with your business's configuration requirements
- The ability to achieve more effective data management

<http://h71028.www7.hp.com/ERC/downloads/5981-9356EN.pdf>

---

### Related HPE Care Pack Services that will enhance your HPE product experience

#### Related Services

For customers who need to improve IT performance and manageability through the use of cost

## Service and Support, HPE Care Pack, and Warranty Information

effective flexible proactive services:

Proactive Select - increased flexibility, minimal complexity -- Select what works for you - your package

Delivery planning + Proactive Service Credits

- Credits are used to redeem proactive services
- Three 'predefined' service credit levels - 30, 60, 180 credits
- Additional credits available
- Available in 1, 3, 4 & 5 year packages

Reactive

- Utilize existing reactive services products - ranging from Next Day, through 24x7, to 6 Hour Call to Repair

<http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA2-3842ENN.pdf>

---

### eSupport

HPE eSupport is a portfolio of technology-based services that assist you with managing your business environment - from the desktop to the data center.

#### Support Portal

The HPE support portal provides one-stop access to the information, tools and services you need to manage the daily operations of your IT environment.

Features include:

- Access to self-solve tools (including search technical knowledge base)
- Efficient logging and tracking of support cases
- Collaboration with other business and IT professionals
- Download of patches and drivers
- Access to diagnostic tools
- Proactive notification of relevant information

Access to certain features of the support portal requires an HPE service agreement. To access the support portal, visit: <http://www.hp.com/support>

---

### Customer Technical Training

Consider education as an integral part of your strategy to get the best return on investment for your HPE storage solution. Hewlett Packard Enterprise offers a variety of training courses on storage software, networking, archiving and disk storage systems. Our classes are available in many delivery modalities from traditional instructor-led courses at one of our 80 training centers worldwide to on-site training customized to your needs or online. <http://www.hp.com/learn/storage>

---

### HPE Services Awards

HPE Services continues to be recognized for service and support excellence by customers, partners, industry organizations and publications around the world. Recent honors and award reflect our services team's dedications, technical expertise, professionalism and uncompromising commitment to customer satisfaction. For a list of all our awards, please visit <http://h20219.www2.hp.com/services/cache/433028-0-0-225-121.html>

---

### Additional Services

For more information about HPE Care Pack Services for Storage, please visit:



## Service and Support, HPE Care Pack, and Warranty Information

### Information

**<http://www.hp.com/services/storage>**

If you have specific questions, contact your local HPE representative. Contact information for a representative in your area can be found at "Contact HPE" **<http://www.hp.com>**

## Kit Contents

### Model Name

### Part Number

#### HP RDX500 USB3.0 Internal Disk Backup System

B7B64A

RDX Internal Docking Station, installation poster, internal USB cable, HPE RDX 500 GB Removable Disk Cartridge

**NOTE:** OD1 will appear after this part number on your sales order if factory integration is indicated.

#### HP RDX1000 USB3.0 Internal Disk Backup System

B7B67A

RDX Internal Docking Station, installation poster, internal USB cable, HPE RDX 1 TB Removable Disk Cartridge

**NOTE:** OD1 will appear after this part number on your sales order if factory integration is indicated.

#### HP RDX 2TB USB3.0 Internal Disk Backup System

E7X52A

RDX Internal Docking Station, installation poster, internal USB cable, HPE RDX 2 TB Removable Disk Cartridge

**NOTE:** OD1 will appear after this part number on your sales order if factory integration is indicated.

#### HP RDX1000 USB3.0 Gen8 DL Server Module

B7B70A

RDX Removable Disk Backup System DL Server Module, installation poster/flyer, internal USB cable, power cable, HPE RDX 1TB GB Removable Disk Cartridge

**NOTE:** OD1 will appear after this part number on your sales order if factory integration is indicated.

#### HP RDX USB 3.0 Gen8 DL Server Module Docking Station

C8S08A

RDX Removable Disk Backup System DL Server Module, installation poster/flyer, internal USB cable, power cable. Is backwards and forwards compatible with any RDX capacity media.

#### HP RDX USB 3.0 Internal Docking Station

C8S06A

RDX Removable Disk Backup System Internal Docking Station installation poster/flyer, internal USB cable, power cable. Is backwards and forwards compatible with any RDX capacity media.

#### HPE RDX+500 USB3.0 External Disk Backup System

HP RDX+ 500GB External Backup System

B7B66B

#### HP RDX+ 1TB External Backup System

B7B69B

RDX+ External Docking Station, installation poster, external USB Y-cable, HPE RDX 1TB Removable Disk Cartridge

#### HP RDX 2TB USB3.0 External Disk Backup System

E7X53B

RDX+ External Docking Station, installation poster, external USB Y-cable, HPE RDX 2TB Removable Disk Cartridge

Kit Contents

HP RDX+ External Docking System C8S07B

RDX+ Removable Disk Backup System External Docking Station installation poster/flyer, external USB Y-cable. Is backwards and forwards compatible with any RDX capacity media.

HP StoreEver 1U USB Rack-mount Kit A8007B

**NOTE:** 1U USB Rack-Mount Kit holds up to two internal HPE RDX/HPE RDX+ Removable Disk Backup Systems

**NOTE:** Please refer to the following web page for further information:  
<http://h18006.www1.hp.com/products/storageworks/1urackmount/index.html>

Media

HP RDX 500GB Removable Disk Cartridge	Q2042A
HP RDX 1TB Removable Disk Cartridge	Q2044A
HP RDX 2TB Removable Disk Cartridge	Q2046A

## Technical Specifications

		HPE RDX 500	HPE RDX 1TB	HPE RDX 2TB
<b>Physical</b> (HxWxD)	<b>External Dock</b>	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))
	<b>Physical</b> (HxWxD) <b>Removable Disk Cartridge</b>	0.92 x 3.39 x 4.68 in (2.34 x 8.66 x 11.9 cm)	0.92 x 3.39 x 4.68 in (2.34 x 8.66 x 11.9 cm)	0.92 x 3.39 x 4.68 in (2.34 x 8.66 x 11.9 cm)
<b>Shipping</b> (HxWxD)	<b>Internal/External</b>	8.07 x 7.87 x 15.75 in (20.5 x 20.0 x 40 cm)	8.07 x 7.87 x 15.75 in (20.5 x 20.0 x 40 cm)	8.07 x 7.87 x 15.75 in (20.5 x 20.0 x 40 cm)
	<b>Shipping</b> (HxWxD) <b>Removable Disk Cartridge</b>	3.35 x 5.32 x 7.99 in (8.50 x 13.5 x 20.3 cm)	3.35 x 5.32 x 7.99 in (8.50 x 13.5 x 20.3 cm)	3.35 x 5.32 x 7.99 in (8.50 x 13.5 x 20.3 cm)
<b>Out of box, External Dock</b>		1.19 lb (540 g)	1.19 lb (540 g)	1.19 lb (540 g)
<b>Out of box, Removable Disk Cartridge</b>		0.41 lb (188 g)	0.41 lb (188g)	0.56 lb (255g)
<b>External Dock</b>		3.58 lb (1.63 kg)	3.58 lb (1.63 kg)	5.07 lb (2.30Kg)
<b>Shipping, Removable Disk Cartridge</b>		0.81 lb (367 g)	0.81 lb (367 g)	0.96 lb (435g)
<b>Orientation</b>	<b>Internal Dock</b>	Horizontal +/- 90 degrees	Horizontal +/- 90 degrees	N/A
	<b>External Dock</b>	Horizontal +/- 90 degrees	Horizontal +/- 90 degrees	N/A
<b>Capacity</b>	<b>Native</b>	500 GB	1 TB	2 TB
	<b>Compressed</b> (assumes 2:1 application based data compression)	1 TB	2 TB	4 TB
<b>Performance</b>	<b>Average sustained transfer rate, native</b>	100MBs	100MBs	100MBs
	<b>Average sustained transfer rate, compressed</b> (assumes 2:1 application based data compression)	200MBs	200MBs	200MBs

## Technical Specifications

<b>Reliability</b>	<b>Burst transfer rate(USB)</b>	600MBs	600MBs	600MBs
	<b>Data access time</b>	12 milliseconds	12 milliseconds	12 milliseconds
	<b>Supported file systems</b>	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3
	<b>MTBF (Dock)</b>	550,000 hours @100% duty cycle	550,000 hours @100% duty cycle	550,000 hours @100% duty cycle
<b>Media</b>	<b>MTBF (cartridge)</b>	500,000 hours	500,000 hours	500,000 hours
	<b>Uncorrected Error Rate</b>	1 error per 10 <sup>14</sup> bits read	1 error per 10 <sup>14</sup> bits read	1 error per 10 <sup>14</sup> bits read
	<b>Docking Station Load/Unload cycles</b>	10,000 (minimum)	10,000 (minimum)	10,000 (minimum)
	<b>Cartridge Load/Unload cycles</b>	5,000 (minimum)	5,000 (minimum)	5,000 (minimum)
<b>Compatibility</b>		Backwards and forwards compatibility to any current/future RDX removable disk cartridge	Backwards and forwards compatibility to any current/future RDX removable disk cartridge	Backwards and forwards compatibility to any current/future RDX removable disk cartridge
<b>Interface</b>	<b>Interface type</b>	USB 3.0	USB 3.0	USB 3.0
	<b>USB connector</b>	USB standard series B receptacle	USB standard series B receptacle	USB standard series B receptacle
<b>Power Specifications</b>	<b>Power requirements, Internal</b>	+5V ± 5% (100 mV Max ripple) @ 1.1 A +12V ± 10% (150 mV Max ripple) @ 0.4 A	+5V ± 5% (100 mV Max ripple) @ 1.1 A +12V ± 10% (150 mV Max ripple) @ 0.4 A	+5V ± 5% (100 mV Max ripple) @ 1.1 A +12V ± 10% (150 mV Max ripple) @ 0.4 A
	<b>Power requirements, External</b>	100 to 240 VAC, 50-60 Hz, auto-ranging	100 to 240 VAC, 50-60 Hz, auto-ranging	100 to 240 VAC, 50-60 Hz, auto-ranging
	<b>Power consumption</b>	6.6W/20 W (typical)/ (peak)	6.6W/20 W (typical)/ (peak)	6.6W/20 W (typical)/ (peak)

		<b>HPE RDX+ Docking Station</b>	<b>HPE RDX+ 500</b>	<b>HPE RDX+ 1TB</b>	<b>HPE RDX+ 2TB</b>
<b>Dimensions</b>	<b>Form Factor</b>	Half-height, 5¼ in (internal module)	Half-height, 5¼ in (internal module)	Half-height, 5¼ in (internal module)	Half-height, 5¼ in (internal module)
	<b>Physical (HxWxD) External Dock</b>	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))	2.04 x 4.32 x 7.00 in (including bezel) (5.18 x 10.98 x 17.75 cm (including bezel))

## Technical Specifications

		bezel))	17.75 cm (including bezel))	17.75 cm (including bezel))
	<b>Physical (HxWxD)</b>	0.92 x 3.39 x 4.68 in (2.34 x 8.66 x 11.9 cm)	0.92 x 3.39 x 4.68 in (2.34 x 8.66 x 11.9 cm)	0.92 x 3.39 x 4.68 in (2.34 x 8.66 x 11.9 cm)
	<b>Removable Disk Cartridge</b>			
	<b>Shipping (HxWxD)</b>	8.07 x 7.87 x 15.75 in (20.5 x 20.0 x 40 cm)	8.07 x 7.87 x 15.75 in (20.5 x 20.0 x 40 cm)	8.07 x 7.87 x 15.75 in (20.5 x 20.0 x 40 cm)
	<b>External</b>			
	<b>Shipping (HxWxD)</b>	3.35 x 5.32 x 7.99 in (8.50 x 13.5 x 20.3 cm)	3.35 x 5.32 x 7.99 in (8.50 x 13.5 x 20.3 cm)	3.35 x 5.32 x 7.99 in (8.50 x 13.5 x 20.3 cm)
	<b>Removable Disk Cartridge</b>			
<b>Weight</b>	<b>Out of box, External Dock</b>	1.19 lb (540 g)	1.19 lb (540 g)	1.19 lb (540 g)
	<b>Out of box, Removable Disk Cartridge</b>	0.38 lb (173 g)	0.41 lb (188 g)	0.56 lb (255g)
	<b>External Dock</b>	3.5 lb (1.59 kg)	3.58 lb (1.63 kg)	5.07 lb (2.30Kg)
	<b>Shipping, Removable Disk Cartridge</b>	0.77 lb (349 g)	0.81 lb (367 g)	0.96 lb (435g)
<b>Orientation</b>				
	<b>External Dock</b>	Horizontal +/- 90 degrees	Horizontal +/- 90 degrees	Horizontal +/- 90 degrees
<b>Capacity</b>	<b>Native</b>	N/A	500 GB	1 TB
	<b>Compressed</b> (assumes 2:1 application based data compression)	N/A	1 TB	2 TB
<b>Performance</b>	<b>Average sustained transfer rate, native</b>	N/A	100MBs	100MBs
	<b>Average sustained transfer rate, compressed</b> (assumes 2:1 application based data compression)	N/A	200MBs	200MBs
	<b>Burst transfer rate(USB)</b>	N/A	600MBs	600MBs
	<b>Data access time</b>	N/A	12 milliseconds	12 milliseconds
	<b>Supported file systems</b>	N/A	FAT32, NTFS, ext2, ext3	FAT32, NTFS, ext2, ext3
<b>Reliability</b>	<b>MTBF (Dock)</b>	550,000 hours @100% duty cycle	550,000 hours @100% duty cycle	550,000 hours @100% duty cycle

## Technical Specifications

Media	MTBF (cartridge)	N/A	500,000 hours	500,000 hours	500,000 hours
	Uncorrected Error Rate	N/A	1 error per 10 <sup>14</sup> bits read	1 error per 10 <sup>14</sup> bits read	1 error per 10 <sup>14</sup> bits read
	Docking Station Load/Unload cycles	10,000 (minimum)	10,000 (minimum)	10,000 (minimum)	10,000 (minimum)
	Cartridge Load/Unload cycles	N/A	5,000 (minimum)	5,000 (minimum)	5,000 (minimum)
Compatibility		Backwards and forwards compatibility to any current/future RDX removable disk cartridge	Backwards and forwards compatibility to any current/future RDX removable disk cartridge	Backwards and forwards compatibility to any current/future RDX removable disk cartridge	Backwards and forwards compatibility to any current/future RDX removable disk cartridge
Interface	Interface type	USB 3.0	USB 3.0	USB 3.0	USB 3.0
	USB connector	USB standard series B receptacle	USB standard series B receptacle	USB standard series B receptacle	USB standard series B receptacle
Power Specifications	Power requirements, Internal	+5V ± 5% (100mV Max ripple) @1.1A +12V ± 10% (150mV Max ripple) @0.4A	+5V ± 5% (100 mV Max ripple) @ 1.1 A +12V ± 10% (150 mV Max ripple) @ 0.4 A	+5V ± 5% (100 mV Max ripple) @ 1.1 A +12V ± 10% (150 mV Max ripple) @ 0.4 A	+5V ± 5% (100 mV Max ripple) @ 1.1 A +12V ± 10% (150 mV Max ripple) @ 0.4 A
	Power requirements, External	100 to 240 VAC, 50-60 Hz, auto-ranging	100 to 240 VAC, 50-60 Hz, auto-ranging	100 to 240 VAC, 50-60 Hz, auto-ranging	100 to 240 VAC, 50-60 Hz, auto-ranging
	Power consumption	5.0W/3.6 W/1.2W (Max)/Average/Idle	5.0W/3.6 W/1.2W (Max/ Average/Idle)	5.0W/3.6 W/1.2W (Max/ Average/Idle))	5.0W/3.6 W/1.2W (Max/ Average/Idle)
	Environmental Specifications (all models)	Temperature range Relative humidity Altitude Vibration Shock: Cartridge non-operating drop shock			
Standards Compliance (all models)	cURus Recognized (UL60950), TÜV EN60950 (IEC 60950), FCC and CE Declaration of Conformity, C-TICK Approved (AS/NZS CISPR22), VCCI Approved, RRL Approved, BSMI Approved, GOSH Approved				

<b>Front Panel LED Indicators and buttons (all models)</b>	<b>Eject Button/Power LED (on docking station)</b>	Off	No Power
		Green	Power is on and unit is working correctly
		Blinking Green	Unit is ejecting the cartridge
		Amber	Unit has detected a fault. For more information run a diagnostic application
		Blinking Amber	Host computer is accessing the media, and the user has pressed the eject button. The unit will

Technical Specifications

		eject the cartridge after the host access completes
Activity LED (on cartridge)	Green	Cartridge is ready
	Blinking Green	Activity (Reading, writing, seeking)
	Amber	Unit has detected a fault. For more information run a diagnostic application
Emergency Eject Hole	Emergency Eject Hole to eject the cartridge	



## Summary of Changes

Date	Version History	Action	Description of Change
19-Feb-2016	From Version 21 to 22	Changed	Image on page 1 was updated.
16-Oct-2015	From Version 20 to 21	Added	Added mention of Yosemite Backup software + Fixed Disk Mode. Added new picture of RDX+ system.
		Removed	Removed DL erver Backup Modules. Removed RDX External Disk Backup Systems. Removed RDX docking Station. Removed mention of CDP software. Removed 320 GB cartridges and systems. Removed mention of any CD's in kit contents.
05-Jun-2015	From Version 19 to 20	Changed	Modified to have RDX+ be a version.
		Added	Added all previous SKUs that were incorrectly deleted.
01-Jun-2015	From Version 18 to 19	Changed	Added RDX+ SKUs, removed all RDX system and RDX Docking station SKUs.
15-Sep-2014	From Version 17 to 18	Changed	Changed the picture from fist page.
31-Mar-2014	From Version 16 to 17	Changed	Changes made to Overview, What's New, Features and Technical Specifications sections.
25-Mar-2013	From Version 15 to 16	Changed	Changes made to Overview, What's New, Features and Kit Contents sections.
26-Nov-2012	From Version 14 to 15	Changed	Change made to Kit Content titles in Kit Content section.
13-Nov-2012	From Version 13 to 14	Changed	Correction made to the North America and Canada versions only.
12-Oct-2012	From Version 12 to 13	Changed	Change made to the URL in Service and Support, HPE Care Pack and Warranty Information section.
21-Sep-2012	From Version 11 to 12	Changed	Change made to the URL in Service and Support, HPE Care Pack and Warranty Information section.
14-Sep-2012	From Version 10 to 11	Changed	Changes were made in Compatibility section.
13-Aug-2012	From Version 9 to 10	Changed	Changes made throughout the QuickSpecs.
08-Jun-2011	From Version 8 to 9	Removed	Mentions of StorageWorks were removed.
15-Nov-2010	From Version 7 to 8	Changed	HPE RDX 1TB Removable Disk Backup System was added and HPE RDX 750GB Removable Disk Backup System was removed  HPE ProLiant DL385 G7 Server was added  <a href="http://www.hp.com/storage/spock">www.hp.com/storage/spock</a> was added to Compatibility
27-Sep-2010	From Version 6 to 7	Changed	Kit Contents models were completely revised, Product descriptions were revised in Media and Models were removed from the Overview.
16-Feb-2010	From Version 5 to 6	Changed	Changes made throughout the entire QuickSpecs.
05-Jun-2009	From Version 4 to 5	Changed	Updated the Out of box, Removable Disk Cartridge Weight and Shipping, Removable Disk Cartridge Weight for the HPE RDX 500 and HPE RDX DL380 G6 server module in the Technical Specifications section.

## Summary of Changes

01-Apr-2009	From Version 3 to 4	Added	Added "including the HPE ProLiant DL380 G6 servers" to the Compatibility section.
30-Mar-2009	From Version 2 to 3	Changed	Revised the Introduction and What's New sections. Other updates made throughout the QuickSpecs.
		Added	Added Model numbers AP724A, AP725A, AP726A
17-Nov-2008	From Version 1 to 2	Changed	Changes made throughout the entire QuickSpecs.



**Sign up for updates**

★ Rate this document



**Hewlett Packard  
Enterprise**

© Copyright 2016 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft and Windows NT are US registered trademarks of Microsoft Corporation. Intel is a US registered trademark of Intel Corporation.

For RDX+ drives and media, 1 GB = 1 billion bytes. Actual formatted capacity is less.

c04111633 - 13036 - Worldwide - V22 - 19-February-2016