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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, 500 GB or 750 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/750GB |
|---|---------------|--------------|
| HP RDX 160 GB External Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 160 GB Internal Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 320 GB External Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 320 GB Internal Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 500 GB External Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 500 GB Internal Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 750 GB External Removable Disk Backup System | Read/Write | Read/Write |
| HP RDX 750 GB Internal Removable Disk Backup System | Read/Write | Read/Write |

Specifications

All capacities and performance compressed.

| Product No. | Q2040A | Q2041A | Q2042A | Q2043A |
|---------------------------------|---|--|--|--|
| Reseller Product Number | | | | |
| Model | 160 GB | 320 GB | 500 GB | 750 GB |
| Format | | | | |
| Compressed Capacity* | 320 GB | 640 GB | 1000 GB | 1000 GB |
| Sustained Transfer Rate* | 60 MB/sec | 60 MB/sec | 60 MB/sec | 60 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 | | | |
| 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 |
| Form Factor | 2.5 inches | 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) | 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) | | | |
| 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) | 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 | L 20.3 x W 13.5 x H 8.5 |
| Weight (g) | 345 | 349 | 385 | 406 |
| Quantity | 1 | 1 | 1 | 1 |
| UPC | 8 83585-94424 8 | 8 83585-94425 5 | 8 84420-36108 4 | 8 84962-81139 9 |
| 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 | L 58.6 x W 43.5 x H 56 |
| Weight (Kg) | 22.12 | 22.57 | 24 | 25 |
| Quantity | 56 Cartridges | 56 Cartridges | 56 Cartridges | 56 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 compression ratio; this may vary since compression is data dependent.

