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

• Choice of 320 GB, 500 GB or 1 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 650 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, including Windows 8, Windows Server 2012 and Linux-based Network Attached Storage.
• Cartridges are interchangeable in any HP RDX docking station.

Learn more at hp.com/go/rdx
### RDX Backup solutions

<table>
<thead>
<tr>
<th>Hardware</th>
<th>HP Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP RDX 320 USB 3.0 Int Disk Backup System</td>
<td>B7862A</td>
</tr>
<tr>
<td>HP RDX 320 USB 3.0 Ext Disk Backup System</td>
<td>B7863A</td>
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<tr>
<td>HP RDX 500 USB 3.0 Int Disk Backup System</td>
<td>B7864A</td>
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<tr>
<td>HP RDX 500 USB 3.0 Ext Disk Backup System</td>
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<tr>
<td>HP RDX 500 USB 3.0 DL Server Backup Module</td>
<td>B7865A</td>
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<tr>
<td>HP RDX 1 TB USB 3.0 Int Disk Backup System</td>
<td>B7867A</td>
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<tr>
<td>HP RDX 1 TB USB 3.0 Ext Disk Backup System</td>
<td>B7869A</td>
</tr>
<tr>
<td>HP RDX 1 TB USB 3.0 DL Server Backup Module</td>
<td>B7868A</td>
</tr>
<tr>
<td>HP RDX 1 TB USB 3.0 Gen8 DL Server Module</td>
<td>B7870A</td>
</tr>
</tbody>
</table>

### Specifications

All capacities and performance compressed.

#### Product No.

<table>
<thead>
<tr>
<th>Model</th>
<th>Q2041A</th>
<th>Q2042A</th>
<th>Q2044A</th>
</tr>
</thead>
<tbody>
<tr>
<td>320 GB</td>
<td>500 GB</td>
<td>1 TB</td>
<td></td>
</tr>
</tbody>
</table>

#### Format

- **Compressed Capacity**
  - Q2041A: 640 GB
  - Q2042A: 1000 GB
  - Q2044A: 2000 GB
- **Sustained Transfer Rate**
  - Q2041A: 60 MB/sec
  - Q2042A: 60 MB/sec
  - Q2044A: 60 MB/sec
- **Burst Transfer Rate**
  - Q2041A: 480 MB/sec
  - Q2042A: 480 MB/sec
  - Q2044A: 480 MB/sec
- **Data Access Time**
  - Q2041A: 480 milliseconds
  - Q2042A: 480 milliseconds
  - Q2044A: 480 milliseconds
- **Supported File Systems**
  - Q2041A: FAT32, NTFS, ext2, ext3
  - Q2042A: FAT32, NTFS, ext2, ext3
  - Q2044A: FAT32, NTFS, ext2, ext3
- **Load/Unload Cycles** (Min)
  - Q2041A: 5,000
  - Q2042A: 5,000
  - Q2044A: 5,000
- **MTBF**
  - Q2041A: 500,000 Hours @100% Duty Cycle
  - Q2042A: 500,000 Hours @100% Duty Cycle
  - Q2044A: 500,000 Hours @100% Duty Cycle
- **Uncorrected Error Rate**
  - Q2041A: 1 Error Per 10^14 Bits Read
  - Q2042A: 1 Error Per 10^14 Bits Read
  - Q2044A: 1 Error Per 10^14 Bits Read
- **Disk Drive Speed**
  - Q2041A: 5,400 rpm
  - Q2042A: 5,400 rpm
  - Q2044A: 5,400 rpm

#### Environmental Properties

- **Operating Temperature Range**
  - Q2041A: 41 to 113 °F (5 to 45 °C)
  - Q2042A: 41 to 113 °F (5 to 45 °C)
  - Q2044A: 41 to 113 °F (5 to 45 °C)
- **Non-Operating Temperature Range**
  - Q2041A: -40 to 149 °F ( -40 to 65 °C)
  - Q2042A: -40 to 149 °F ( -40 to 65 °C)
  - Q2044A: -40 to 149 °F ( -40 to 65 °C)
- **Operating Humidity Range**
  - Q2041A: 20 – 80% Non-Condensing
  - Q2042A: 20 – 80% Non-Condensing
  - Q2044A: 20 – 80% Non-Condensing
- **Non-Operating Humidity Range**
  - Q2041A: 10 – 90% Non-Condensing
  - Q2042A: 10 – 90% Non-Condensing
  - Q2044A: 10 – 90% Non-Condensing
- **Altitude Vibration**
  - Q2041A: -50 ft to 10,000 ft (-15.24 m to 3,048 m)
  - Q2042A: -50 ft to 10,000 ft (-15.24 m to 3,048 m)
  - Q2044A: -50 ft to 10,000 ft (-15.24 m to 3,048 m)
- **Cartridge Robustness**
  - Q2041A: 3 ft / 1 m onto Concrete Floor
  - Q2042A: 3 ft / 1 m onto Concrete Floor
  - Q2044A: 3 ft / 1 m onto Concrete Floor

#### Logistics

- **Unit (in case)**
  - **External Dimensions (cm)**
    - Q2041A: L 20.3 x W 13.5 x H 8.5
    - Q2042A: L 20.3 x W 13.5 x H 8.5
    - Q2044A: L 20.3 x W 13.5 x H 8.5
  - **Weight (g)**
    - Q2041A: 349
    - Q2042A: 385
    - Q2044A: 386
  - **Quantity**
    - Q2041A: 1
    - Q2042A: 1
    - Q2044A: 1
  - **UPC**
    - Q2041A: 8 83585-94425 5
    - Q2042A: 8 84420-36108 4
    - Q2044A: 8 85631-83010 9

- **Master Carton**
  - **External Dimensions (cm)**
    - Q2041A: L 58.6 x W 43.5 x H 56
    - Q2042A: L 58.6 x W 43.5 x H 56
    - Q2044A: L 58.6 x W 43.5 x H 56
  - **Weight (Kg)**
    - Q2041A: 22.57
    - Q2042A: 24
    - Q2044A: 24
  - **Quantity**
    - Q2041A: 56 Cartridges
    - Q2042A: 56 Cartridges
    - Q2044A: 56 Cartridges
  - **ITF-14**
    - Q2041A: NA/Overpack Only
    - Q2042A: NA/Overpack Only
    - Q2044A: NA/Overpack Only

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