

ProStor

Removable RDX Disk

When IT organizations are looking for a long-life product to store their data, they don't need to look any further than the ProStor InfiniVault® with RDX® removable disks. RDX technology has all the advantages of disk, including high performance, scalability, and random access, while also providing the removability of tape. Packaged in a rugged cartridge, RDX stores data for more than 30 years, as demonstrated by international Ecma standards. No other removable media on the market today can make that claim.

RDX is an easy-to-use, affordable, and rugged removable disk cartridge. It is available in several capacities, ranging from 160GB to 1TB and are sold worldwide by leading manufacturers including Dell, IBM, HP, Imation, NEC, and Tandberg Data. More than 130 Petabytes of data has been stored worldwide on RDX disks by over 250,000 customers, so organizations can trust that the technology is here to stay.

When used with InfiniVault, RDX disks offer infinite capacity. As each RDX disk fills up, it can be removed and replaced with an empty one. The InfiniVault offers backward- and forward- compatibility so that any capacity RDX disk can be intermixed in the system. This allows organizations the ability to tailor their system according to current and future storage needs, realizing dramatic cost savings as data grows because there's no need to purchase a new system. Buy only the capacity that you need – when it's needed.

RDX Advantages

- ☑ Removable
- ☑ Portable
- ☑ Rugged
- ☑ Long Archive Life
- ☑ Low Cost



InfiniVault w/ RDX Advantages

- ☑ Performance
- ☑ High Reliability
- ☑ Capacity Roadmap
- ☑ Data Interchange
- ☑ Secure

Automatic Protection

The InfiniVault allows administrators to make up to four copies of data onto RDX disks to provide nearline and offline data storage. Simply remove the offline copies to an offsite location for disaster protection. The InfiniVault tracks which data has been written to each copy, and will “catch up” if a cartridge is temporarily removed from the system and then reinserted.

If an RDX cartridge is damaged or lost, it can be reconstructed from another protected copy using the automated Reconstruct Cartridge feature. The InfiniVault locates RDX cartridges that contain a protected copy of data required for reconstruction, whether it is online or has been removed from the system.

Efficient Space Utilization

The InfiniVault is designed to maximize RDX disk capacity, allowing organizations to get the most out of their investment. The software removes duplicates, compresses files, and packs data into efficient containers.

The InfiniVault also reclaims space after files have expired or are deleted, maximizing the storage investment. When all files on an RDX disk expire, the RDX disks can also be recycled, allowing them to be assigned for different uses within the InfiniVault system or in stand-alone RDX docks.

Finally, administrators can consolidate RDX disks to take advantage of larger capacities as they become available.

Secure

RDX removable disks used in the InfiniVault protect data using hardware-enforced WORM, so there’s no fear of data being unintentionally overwritten. If an administrator chooses to overwrite the data, the InfiniVault system will do that safely and securely.

RDX disks are also labeled both physically and electronically to make it easy to track both inside and outside of the InfiniVault system.

The ProStor Way

Helping organizations grow their storage with the lowest cost solution that is built to scale. That’s just one more way that ProStor is taking care of long-term data storage needs.



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