

PROSTOR InfiniVault® Data Preservation Storage System

Document and Image Management

For companies wanting to dramatically slash the cost of storing and protecting their data, ProStor InfiniVault™ is the leading data preservation storage system that properly retains data for as long as is required at the lowest possible power profile. Unlike other storage systems, ProStor InfiniVault integrates removable disks to provide the ease of access and performance of online storage with the economics of offline storage. The intelligent, secure data preservation capabilities of ProStor InfiniVault provide a low cost and low power alternative to tape, optical or disk in a number of IT solution areas including:

- Management of data
- Protection from obsolescence
- Disaster Recovery
- Online Archiving
- Regulatory Compliance
- Legal Storage
- Tape Reduction

ProStor InfiniVault is delivered as an integrated data preservation storage system that attaches to any storage network. For about the price of SATA disk, it includes three tightly integrated components – network disk, removable RDX® disks and a data preservation operating system. The system simplifies the management of data by combining all tiers of storage in one system and manages the retention and preservation of the data for any length of time and to any legal or compliance requirement.

Lower Storage Costs

The ProStor InfiniVault system can lower primary and backup storage by over 50% and provide for a 75% power reduction, all designed to lower overall storage costs and save money.

By storing information on the ProStor InfiniVault, overall storage costs are dramatically lowered through the following economics returns:

- Lowest possible cost long-term storage
- Self-protecting
- Lower power and cooling costs
- Faster response to E-discovery requests
- Improved operational efficiencies

These economic returns combined with a low acquisition cost provide the typical ProStor InfiniVault implementation with a return on investment (ROI) of less than one year.

Automating Business Rules and Compliance

The ProStor InfiniVault system is designed to automate compliance with the most rigorous business rules whether driven by corporate policies, government regulations or legal requirements. With a simple one-time setup, data stored in ProStor InfiniVault is automatically retained for the required length of time then deleted. All the while



ProStor InfiniVault® Product Family

authenticity, immutability, accessibility and confidentiality are maintained. The system encrypts offline data, supports E-discovery activities and provides complete audit trails for determining chain of custody. ProStor InfiniVault is a flexible data preservation solution that is capable of meeting compliance needs at no additional costs for hardware, software or infrastructure changes.

RDX® Removable Disks

ProStor InfiniVault incorporates the proven technology of the RDX® removable hard disk drives. This technology is currently being shipped around the world by leading OEMs and resellers. The RDX drives are currently used by over 100,000 users and have captured 90% of the removable disk drive shipments worldwide. Advantages of RDX drives include:

- Infinite capacity – simply add cartridges
- A 30-year archive life – by independent test lab
- Drives and media are backward and forward compatible forever
- Industry-standard RDX cartridges are available from multiple manufacturers

Less Power and Cooling

The greatest advancement in addressing the power and cooling requirements comes with the ProStor InfiniVault solution and its use of online RDX removable disks for long-term data retention including:

- The RDX removable disks are spun down when not actually transferring data
- The RDX removable disks do not need to be powered up and tested periodically
- If RDX cartridges are removed and stored on a shelf or offsite, they are not consuming any power or cooling




Ease of Use

The ProStor InfiniVault system is simple to install and easy to use. It can be installed and set up in 30 minutes or less. It is addressed as simple NAS storage with a “set it and forget it” user interface and the rest is handled automatically.

Key Product Features

The data preservation operating system integrated into the ProStor InfiniVault includes a number of key product features and benefits including:

- **File-level de-duplication** – only a single copy of any file will be saved in each repository.
- **Attribute and content searching** – ProStor InfiniVault creates a key word index, providing for fast discovery and rapid recovery of files.
- **Multiple data retention and deletion policies applied simultaneously** – support for multiple applications and business practices.
- **Automatic protection of data** – up to four copies can be made.
- **Powerful AES-256 encryption for RDX removable cartridges** – provides data security.
- **Encryption keys managed internally** – simplifies management of secure data.
- **Multiple legal holds can be applied to data** – support for data subject to E-discovery.
- **Complete audit trails are tracked with InfiniVault** – provides chain of custody reporting.
- **Hardware enforced WORM setting** – ensures immutability of data.
- **File compression** – reduces the number of removable disk cartridges.
- **Content Addressable Storage (CAS)** – ensures the immutability of the data.
- **Built-in system security** – ensures only authenticated access to the system and files.
- **Copies of files can be exported** from ProStor InfiniVault to standard RDX cartridges.

ProStor InfiniVault Product Specifications			
Model	Model 3	Model 30	Model 100
Image			
Product Configuration	All components integrated into a single tower configuration	Integrated system controller and network disk with separate removable disk unit (RDU)	Separate system controller, network disk and removable disk units (RDUs)
Removable disk Online capacity*	1.5 TB (3 TB compressed)	5 to 15 TB (10 to 30 TB compressed)	10 to 50 TB (20 to 100 TB compressed)
Total capacity	Infinite		
Controller	Tower	2U rack mount	2U rack mount
Dimensions: W x D x H	7.8" x 18.3" x 16.7"	17.4" x 28.75" x 3.50"	17.4" x 28.75" x 3.50"
Weight	40 lbs	40 lbs	40 lbs
Network disk	Internal to appliance		3U External
File Area size	700 GB	2 TB	9 TB
Dimensions: W x D x H			17.3" x 22.5" x 5.00"
Weight			65 lbs
Removable disk unit	Internal to appliance	3U removable disk unit	3U removable disk unit
Base number	3	10 (one RDU)	20 (two RDUs)
Max. number	3	30 (three RDUs)	100 (ten RDUs)
Dimensions: W x D x H		17.4" x 21.25" x 5.25"	17.4" x 21.25" x 5.25"
Weight		50 lbs	50 lbs
Total weight	40 lbs	90 lbs (190 lbs full configuration)	205 lbs (605 lbs full configuration)
Total height	16.7"	8.75" (5U) 19.25" (11U configuration)	19.25" (11U) 61.25" (35U Full configuration)
Warranty	Standard 1-year limited hardware, 90-day software warranty		

* Online capacity based on 500 GB native capacity RDX cartridges with 2:1 compression



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