




actiDisk RDX®:

The exploding growth of mission-critical digital content combined with government regulated policies has created a need for secure, reliable, robust and portable data protection solution at an affordable cost. actiDisk RDX® cartridge-based removable storage system offers rugged, reliable and convenient storage for backup, archive, data interchange and disaster recovery. actiDisk RDX® is compatible with all major backup applications so it fits seamlessly into your established backup routines. Backward/Forward compatibility allows users to scale to higher capacities, meaning that tomorrow's high capacity RDX® cartridges will operate in today's RDX® systems.

Enterprise Performance & Fast Access

Easy to use and simple to install, actiDisk RDX® features high performance with up to 108GB/hr transfer rate and is available in 160 GB, 320 GB, 500 GB & 640 GB.

The media is randomly accessed, so stored files can be immediately retrieved without time consuming sequential seeks. Single files are selected volumes can be restored in seconds instead of hours.

Robust & Reliable

actiDisk RDX® meets the reliability, performance and business requirements for all backup and data archive applications from professional workstations through to the low-end enterprise.

actiDisk RDX® cartridge is ruggedly designed and is shock-proof for maximum data protection and secure handling. Reliability is ensured with a load mechanism guaranteed for more than 10K load/unload and a soft eject feature that protects data from unwanted eject errors.

Product Highlights:

● Removable Backup

Use as a removable media device to backup your server

● Easy to use

Easily drag and drop data files across. Simple cartridge slip-in allowing easy and complete backup. The drives themselves are plug and play versions with internal (mounted into a server bay) and external (tabletop) models

● Fast access

Blistering disk-based speed and access, backing up to 108 GB/hr and near-instant file retrieval

● Budget-Friendly

Cost effective solution that suits all sectors from SOHO users to departmental users

● Rugged & Tough

The cartridge last over 10 years and are rugged and shock-proof to ensure they remain in perfect working order.

● actiDisk RDX® Technology Advantage

actiDisk RDX® technology merges the best of both tape and disk-convenience, portability, long archive and low cost of tape, with the fast transfer rates, random access file retrieval, data reliability and transparent capacity growth of disk

actiDisk RDX®

actiDisk RDX® is a hard disk-based system for removable media. The RDX® system consists of a robust, removable 2.5" hard disk cartridge and a docking station, which runs backups like a tape cartridge. Easy handling makes the actiDisk RDX® ideally suitable for the application in small or medium sized companies.

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Performance

Capacity	160 / 320 / 500 / 640 / 750GB / 1TB		
	Internal SATA	Internal USB	External USB
Transfer Rate (Avg. sustained)	35-45 MB/s	25MB/s	25MB/s
Average Access Time	15 msec		
Interface	SATA 1.0 (SATA 2.0 compatible) or USB 2.0 High Speed		
Compatibility	Operating System Microsoft Windows 2000, Windows XP Professional, Windows XP Home, Windows 2008 R2 Windows 2003 Server, Windows Vista Linux (Fedora Core 5), Windows 7 x 86/64 bit, Linux (RHEL 4 update 3), Suse Linux Enterprise Server 9.0 & 10.0, Mac OS X,		

Reliability Specifications

Cartridge Load/Unload	5,000 insertion / removal cycles
Drive Load / Unload	Unload 10,000 insertion / removal cycles
MTBF Drive	550,000 at 100% duty cycle
Cartridge MTBF	500,000 hours

Temperature & Humidity

Temperature (Operating)	10° to 40°C
Temperature (Non-operating)	-40° to 65° C
Relative Humidity (Operating)	20% to 80% non-condensing
Relative Humidity (Non-operational)	10% to 90% non-condensing
Altitude (Maximum-operating)	-300 to 3000 m
Altitude (Non-operating)	-300 to 12,000 m

Power	Internal SATA	Internal USB	External USB
Voltage	+5 VDC	+12 VDC	+12 VDC
Power Consumption Typical	7.5W	6.6W AC-Adapter 100-240 VAC 50-60 Hz input	6.6W AC-Adapter 100-240 VAC 50-60 Hz input
Regulatory Agency Approvals	UL 60950, CSA C22.2 No. 60950, IEC 60590 / EN 60950 FCC 47 CFR, Part 15, Class B, CISPR22, Class B; EN55022, Class B; EN61000-3-2, EN61000-3-3; CISPR24; EN55024; ICES-003, Class B, VCCI, CE, C-Tick		

Dimensions

Form Factor	3.5 in (Internal)	5.25 in (HH Internal)	External-USB
Width	101.6mm (4.00 in)	146.0 mm (1.63 in)	109.8mm (4.32 in)
Height	41.4mm (1.63 in)	41.4mm (1.63 in)	51.8mm (2.05 in)
Length	159.4 mm (6.28 in)	171.9mm (6.77 in)	177.5mm (7.00 in)
Weight	408 g (0.90 lbs)	635 g (1.40 lbs)	540 g (1.19 lbs)

For more information, please contact your Authorized Distributor or Reseller.