

CONTINUOUS DATA PROTECTOR (CDP) STORAGE APPLIANCE

DISK BACKUP, REPLICATION, & AUTOMATED DISASTER RECOVERY (DR)

Explosive data growth, server virtualization, and an increased dependence on data availability present challenges for small-to-medium businesses (SMB). In addition, the demand for ongoing services is compounded by shrinking budgets and complexities caused by an increase in remote offices and mobile users. The FalconStor® Continuous Data Protector (CDP) Storage Appliance is an innovative, scalable disk-based backup solution that solves these challenges, enabling local and remote recovery in physical and virtual server environments. It provides a comprehensive set of features, including mirroring, application-consistent snapshots, journaling, WAN-optimized replication, and automated disaster recovery (DR) in an easy-to-use appliance, allowing IT administrators to meet stringent service-level agreements (SLAs). Simple, all-inclusive, capacity-based pricing makes the FalconStor CDP Storage Appliance a cost-effective solution for ROBO and midmarket organizations.



PRODUCT SPECS CONTINUOUS DATA PROTECTOR

HIGHLIGHTS

ALL INCLUSIVE FUNCTIONALITY

- Mirroring, snapshots (up to 1,000), journaling, replication
- Enables definition of protection policies
- Flexible replication & mirroring enables recovery from two levels of failure

HETEROGENEOUS SUPPORT

- Physical or virtual servers
- Microsoft Windows, Linux, Unix, Solaris, HP-UX
- iSCSI & Fibre Channel (FC) connectivity

D2D2T BACKUP

- Reduces tape costs
- Provides instant recovery

APPLICATION-SPECIFIC SNAPSHOT AGENTS*

- Eliminates backup corruption
- Supports an extensive list of applications*

PRECONFIGURED, SCALABLE

- Simple, capacity-based pricing
- Expansion units available for additional scalability
- Scales from 2TB to over 140TB per appliance

DISK - BASED BACKUP

- Eliminates the backup window
- Enables near-zero recovery point objectives (RPO)
- Defines protection policies on individual server, departmental, or global basis

AUTOMATED DR VIA RECOVERTRAC™

- Automates complex application recovery & DR testing
- Supports P2P, P2V, & V2V recovery

WAN-OPTIMIZED REPLICATION VIA MICROSCAN™ TECHNOLOGY

- Reduces bandwidth requirements by up to 95%, lowering costs
- Enables rapid disaster recovery

*Snapshot agents are available for a variety of environments and file systems. Refer to the FalconStor Certification Matrix on our website for currently supported applications and databases.



PRODUCT SPECS

CONTINUOUS DATA PROTECTOR

PHYSICAL CHARACTERISTICS	CDPSA 0 0 2	CDPSA 0 0 6	CDPSA 0 0 7	CDPSA 0 1 2	CDPSA 0 2 4
Form factor	2U rackmount				
Processor	1 x Intel Xeon E5-26xx, 8-Cores CPU				
Memory	12GB (3 x 4GB RDIMM, low volt, dual rank, x8)				
Ports	4 x 1Gb/s Ethernet				
RAID Controllers	Internal H7x0 (6Gb/s) w/512MB BBC / External H810 (6Gb/s) w/1GB BBC				
RAID level (data)	6				
Data disk type	12 x 200GB MLC SSD	6 x 1TB 7.2K NL-SAS	12 x 600GB 15K SAS	12 x 1TB 7.2K NL-SAS	12 x 2TB 7.2K NL-SAS
Base capacity (usable)	2TB	4TB (upgradable to 10TB)	6TB	10TB	20TB
Expansion options	1 - 4 external expansion units				
Power supply	2 x hot-plug high output 750W				
Power source	90-264 VAC, auto-ranging, 47-63 Hz				
Dimensions (HxWxL)	3.4 x 17.44 x 26.8 in (8.64 x 44.31 x 68.07 cm)				
Weight (maximum configured)	71.5 lb (32.5 kg)				
HOST CONNECTIONS					
iSCSI - 1Gb/s	4 ports				
iSCSI - 10Gb/s	Optional				
8Gb FC	Optional				
ADVANCED FEATURES					
Application-aware snapshot agents*	Included				
Snapshots (TimeMark®/TimeView®) per LUN	Up to 1000				
DynaPath® for Microsoft Windows or Linux native multi-pathing	Included				
DiskSafe™ & FileSafe™ agents	Included				
Physical & virtual machine (VM) protection & recovery	Included				
Recovery agent	Included				
Automated DR via RecoverTrac™ tool	Included				
Data journaling	Included				
Thin provisioning	Included				
Synchronous & asynchronous data mirroring	Included				
WAN-optimized replication w/ compression & encryption	Included				
SNMP integration	Included				
Email alerts & reporting	Included				
HyperTrac™ Backup Accelerator	Optional				
ENVIRONMENTAL REQUIREMENTS					
Heat output	2,891 BTU/hr				
Temperature	50° to 95°F (10° to 35°C)				
Humidity	20% to 80%, noncondensing with maximum gradation of 10% per hour				
Altitude	-50 to 10,000 ft (-16 to 3,048 m)				