

Continuous Data Protector (CDP) Gateway Appliances

PROTECT STORAGE INVESTMENTS WITH DISK BACKUP, REPLICATION, & AUTOMATED DR

The proliferation of physical and virtual servers, data, and business-critical applications and services, and the need to meet stringent service level agreements (SLAs) are stressing traditional backup and recovery methodologies. FalconStor® Continuous Data Protector (CDP) Gateway Appliances address the critical data protection and business recovery challenges facing midmarket enterprises today and provide cost-containment and IT investment protection by integrating with existing third-party storage resources. These gateway appliances provide a comprehensive set of features, including automated disaster recovery (DR), application-consistent snapshots, and journaling, offering the most rapid and granular recovery possible. Simple, all-inclusive, capacity-based pricing make the FalconStor CDP Gateway Appliance a cost-effective solution for midmarket enterprises looking to improve service levels and reduce recovery point and recovery time objectives (RPO/RTO).



Highlights

All-inclusive functionality

- Mirroring, snapshots (up to 1,000), journaling, replication
- Enables definition of protection policies

Heterogeneous support

- Utilizes heterogeneous third-party storage
- Physical or virtual servers
- Microsoft Windows, Linux, Unix, Solaris, HP-UX
- iSCSI, Fibre Channel (FC), and FCoE connectivity

Preconfigured, scalable

- Simple, capacity-based pricing
- Scales from 1TB to hundreds of terabytes per gateway 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

D2D2T backup

- Reduces tape costs
- Provides instant recovery

Automated DR via RecoverTrac™ tool

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

WAN-optimized replication

- MicroScan™ technology reduces bandwidth requirements and costs
- Enables rapid disaster recovery

Application-specific snapshot agents

- Eliminates backup corruption
- Supports an extensive list of applications

Specifications: FalconStor CDP Gateway Appliances

	CDP GA700	CDP GA710	CDP GA720
Physical Characteristics			
Form factor	2U rackmount	5U rackmount	2U rackmount
Appliance type	Gateway	Gateway	Gateway
RAID controllers	Internal	Internal	Internal
RAID level	1	1	1
CPU cores	4	8	4
Memory	24GB	24GB	24GB
Disk type	250GB, 7200 RPM, 3.5", SATA		
Power supply (redundant): head (maximum output)	2 x hot-plug high output 870W	2 x hot-plug 1100W	2 x hot-plug high output 870W
Dimensions: head (HxWxL)	3.4 x 17.4 x 26.8 inches (8.6 x 44.3 x 66 cm)	18.3 x 8.5 x 28.8 inches (46.6 x 21.7 x 73.1 cm)	3.4 x 17.4 x 26.8 inches (8.6 x 44.3 x 66 cm)
Weight: head	57.5 lb (26.1 kg)	77.8 lb (35.3 kg)	57.5 lb (26.1 kg)
Host Connections			
iSCSI support — 1 Gb/s with TOE enabled	4 ports	4 ports	4 ports
iSCSI support — 10 Gb/s	—	—	2 ports
iSCSI boot	Included	Included	Included
8Gb FC support	4 ports	6 ports	2 ports
Advanced Features			
Application snapshots	Included	Included	Included
TimeMark® snapshots per LUN	1,000	1,000	1,000
DynaPath® Agent for Microsoft Windows, Linux	Included	Included	Included
Application Snapshot Director for VMware	Included	Included	Included
Storage Replication Adapter for VMware vCenter Site Recovery Manager	Included	Included	Included
SafeCache™, HotZone®	Included	Included	Included
Thin provisioning	Included	Included	Included
DiskSafe™ agent	Included	Included	Included
Synchronous data mirroring	Included	Included	Included
Data journaling	Included	Included	Included
WAN-optimized replication with compression and encryption	Included	Included	Included
RecoverTrac tool for automated DR	Included	Included	Included
Email alerts	Included	Included	Included
Central Client Manager (CCM)	Included	Included	Included
Environmental Requirements			
Power supply (redundant): head (maximum output)	2 x hot-plug high output 870W	2 x hot-plug 1100W	2 x hot-plug high output 870W
Power	90-264 VAC, auto-ranging, 47-63 Hz		
Heat output: head BTU/hr	2968 BTU/hr max	2968 BTU/hr max	2968 BTU/hr max

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