

OceanStor VTL3500 Virtual Tape Library System



OceanStor VTL3500

Huawei OceanStor VTL3500 is a product of virtual tape library targeting data backup market for SMB. VTL3500 is integrated design with powerful virtualization; fast backup and efficient De-dupe function, and easy management and maintenance.

VTL3500 can be implemented under the scenarios of concurrent data backup, tiered storage, disaster recovery, distributed backup and PTL management. For SMB, It's the choice with best cost-performance.

Highlights

Integrated design

- Better compatibility and reliability by convergence of VTL engine and storage units.
- More flexibility by combo of FC and iSCSI.
- High density of storage, 24 SATA slots in 4U.
- Backup server function can be merged into VTL, save cost for customers.

Fast backup and efficient De-dupe

- Supports concurrent backup of multiple hosts, with a backup speed of 400MB/s.
- Advanced De-dupe technology reduces the storage space required and bandwidth of remote replication, thus reducing investment.
- Supports tape caching, efficient incremental archiving to PTL and tape encryption with 128-bit AES algorithm.

Powerful virtualization

- Virtualizes 128 tape libraries, 1024 tape drives and 65535 tapes simultaneously.
- Virtualizes tens of tape libraries and drivers supplied by mainstream manufacturers such as Quantum, HP, Sun and IBM.
- Seamless integration with existing backup software and backup policies, zero risk for implementation.

Easy Management and Maintenance

- Supports the management on the GUI or the CLI, facilitating operations.
- Provides out-of-band management based on IPMI 2.0.
- Monitors system status and service link status.
- Supports alarm notification through emails, ensuring that all the fault information of the equipment can be learned in a timely manner.
- Provides hot-swap key modules, simplifying maintenance.

OceanStor VTL3500 Virtual Tape Library System



Product Specifications

Model	VTL3500
Specifications	
Disk types	SATA
Maximum hard disks	24
Maximum host interfaces	6*4Gb FC + 2*1Gb ISCSI
Software Features	
RAID levels	0, 1, 5, 6
Maximum backup performance	400MB/s
Data compression ratio	2:1
De-duplication	Support
Remote replication	Support
Tape caching	Support
Tape encryption	Support
Hosted backup	Support
NDMP	Support
Maximum number of virtual tape libraries	128
Maximum number of virtual tape drives	1024
Maximum number of virtual tapes	65535
Supported virtual tape libraries	ADIC Scalar 100, 1000, i2000, 10K, i500 Quantum ATL P7000, PX720 HP ESL9000 Series, MSL 8096 IBM 3590B11, ULT3583-TL QUALSTAR TLS-4222i SONY CSM-200 StorageTek L700e, L1400m Spectra Logic T950
Supported virtual tape drives	HP LTO-4 IBM LTO-4 Quantum SuperDLT1, SDLT320 SONY SDX-700C, SDZ-130 StorageTek T10000A, T10000B, 9840D
Supported backup softwares	Symantec NetBackup, BackupExec CommVault Galaxy EMC Legato IBM TSM BakBone NetVault CA BrightStor Enterprise Backup Server Atempo Time Navigator
Compatible operating systems	Windows, Linux, Solaris, AIX, HP-UX
Physical Specifications	
Power supply	AC 100V ~ 127V/200V ~ 240V
Power consumption	<700W
Dimensions(H%W%D)	4U, 175mm(H) % 446mm(W) % 685mm(D)
Weight	<47kg
Operating temperature	5°C ~ 35°C
Operating humidity	10% RH ~ 85% RH

Copyright © Huawei Technologies Co., Ltd. 2012. All rights reserved.

THIS DOCUMENT IS FOR INFORMATION PURPOSE ONLY, AND DOES NOT CONSTITUTE ANY KIND OF WARRANTIES.

HUAWEI TECHNOLOGIES CO., LTD.

Huawei Industrial Base
Bantian Longgang
Shenzhen 518129, P.R. China
Tel: +86-755-28780808

www.huawei.com