



CERTANCE

We keep the data alive.

Data Sheet
LTO Ultrium 3 Autoloader



Certance CLL 6400 Autoloader

The preferred automation solution for large businesses and enterprises

6.4 TB, 490 GB/hr
Highest Reliability
Lowest TCO
WORM[†] Support



Affordable automated backup at single drive prices

Convenient 8-cartridge configuration frees IT personnel

Enterprise-class LTO Ultrium 3 performance – up to 490 GB/hr

Most reliable tape autoloader with features exclusive to Certance – SmartVerify, MediaShield, Dynamic Powerdown, 13-Speed Transfer

Flexible desktop and 2U rackmount configurations

Compatible open format delivers quality and cost benefits

Complete solution including BakBone NetVault™ WorkGroup software

The Certance CLL 6400 LTO Ultrium 3 autoloader leverages third-generation LTO technology and Certance-exclusive features to provide the most reliable and affordable automated tape data protection to medium and large businesses. The latest product in the robust LTO roadmap backed by industry leaders, the Certance CLL 6400 balances price with increased capacity, performance and reliability. Doubling the capacity of LTO Ultrium 2 autoloaders, the CLL 6400 stores up to 6.4 terabytes (TB) and delivers sustained backup speeds of up to 490 GB/hour. Implementing an efficient and convenient 8-cartridge carousel robotic and backwards-compatible with LTO Ultrium 1 and Ultrium 2, the CLL 6400 provides the quality and cost benefits of an open format and WORM support[†] as part of a regulatory-compliance strategy.

The Certance CLL 6400 is based on the most reliable LTO Ultrium 3 tape drive on the market, delivering reliability features only available from Certance. Certance MediaShield provides advanced cooling and low-friction tape guides, extending media life by 100% over drives from other manufacturers.

Certance 13-Speed Transfer ensures tape streaming and eliminates shoe-shining by automatically matching the host transfer speed to one of thirteen CLL 6400 tape speeds. Certance Dynamic Powerdown protects the drive and cartridge in the event of power loss. Certance SmartVerify concurrently verifies all data written to the tape, virtually eliminating the need for a traditional verify pass during backup operations, thus reducing the required backup window by 100%. With an error-free, full duty cycle MTBF of 250,000 hours, the CLL 6400 is a sound investment ensuring data will be recoverable when required.

Backed by a three-year limited warranty and Certance's REACT rapid replacement program, the CLL 6400 is a complete data protection solution that includes BakBone NetVault™ WorkGroup software. NetVault™ WorkGroup runs on Windows, Unix and Linux, provides support for up to five clients, and delivers up to 100 GB of disk-to-disk-to-tape (D2D2T) capacity.

[†] Pending LTO program announcement



Certance CLL 6400 Autoloader

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Optional Features

- CLL 6400 Desktop Autoloader (CL1105-SS)
- Single LTO Ultrium 3 Data Cartridge (CLM800)
- 5-Pack LTO Ultrium 3 Data Cartridge (CLM800-5)
- 20-Pack LTO Ultrium 3 Data Cartridge (CLM800-20)
- Ultrium Cleaning Cartridge (STUMCL)
- Barcode Reader (STUD1600)
- Rackmount Kit (STUQ1600)

DESCRIPTION	Certance CLL 6400
Model Name	Certance CLL 6400 Desktop Autoloader
Model Number	CLL 1105-SS
Form Factor	Desktop
CAPACITY AND INTERFACE	
Compressed Capacity.....	Up to 6400 GB
Native Capacity	Up to 3200 GB
Recording Format	LTO Ultrium 3
Media Format	LTO Ultrium 3
Media Length	680 meters
Interface Type	Ultra160 SCSI
COMPATIBILITY	
Media Read/Write	LTO Ultrium 1, 2, 3 / LTO Ultrium 2, 3
Operating Systems	Windows Server, Novell NetWare, Unix, Linux
Backup Software	BakBone, Computer Associates, Dantz, NovaStor, VERITAS and Yosemite Technologies
PERFORMANCE	
Native Sustained Transfer Rate	Up to 245 GB/hr
Compressed Sustained Transfer Rate	Up to 490 GB/hr
Burst Transfer Rate	160 MB/sec
Average File Access Time.....	58 sec
Compressed Backup Speed	Up to 490 GB/hr
Buffer Memory Size	128 MB
Hardware Data Compression	Yes
WORM	Yes†
Automation Drive Interface (ADI)	Yes
RELIABILITY & DATA INTEGRITY	
MTBF	250,000 hours @ 100% duty cycle
MSBF	250,000
Warranty	3 Years
PHYSICAL DIMENSIONS	
Form Factor	Desktop or 2U Rackmount
Width (in/mm)	16.9 / 429
Height (in/mm).....	3.3 / 84
Length (in/mm).....	24 / 609
Weight (lbs/kg).....	19.5 / 8.8
POWER REQUIREMENTS	
Requirements	100 – 240 VAC +/- 10%
Consumption	70 watts
ENVIRONMENTAL	
Min/Max Operating Temp	5/40 deg C
Maximum Operating Humidity	80%
Maximum Operating Shock	10 Gs, 11 ms
Maximum Non-Operating Shock	40 Gs, < 3ms
Maximum Operating Vibration5G, 43-1000 Hz (sweep), .35G Dwell
Maximum Non-Operating Vibration	1.0G, 15-500 Hz, 5-500 (sweep)

CLL 6400 Competitive Advantages

- Capacity – up to 150% more than Quantum SuperLoader, 100% more than Overland LoaderXpress and 100% more than ADIC FastStor 2
- Performance – up to 330% faster than SuperLoader, 330% faster than Overland LoaderXpress and 330% faster than ADIC FastStor 2
- Includes fully licensed version of BakBone Netvault WorkGroup software
- Provides the highest reliability in its class

Certance Exclusive Features

- Certance MediaShield extends media life to over 500 full backups
- Certance Dynamic Powerdown protects data cartridge during power loss
- Certance 13-Speed Transfer optimizes performance while improving reliability
- Certance SmartVerify virtually eliminates the need for a traditional verify during backup

World-Class Technical Support

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