

TERASTORE 7500

Technology

The **TERASTORE 7500** is based on the **Magneto Optical (MO)** and/or on the **Ultra Density Optical (UDO)** technology. Because of the media detection in the picker it is possible to work in mix-mode as well as with one type of media (MO or UDO) only. The media are available in rewritable or WORM (Write Once Read Many) format. WORM technology is preferably used for long-term archiving of critical data like medical images, financial documents, business related e-mails etc.

Modular and Flexible

The **TERASTORE 7500** is a modular designed storage system which can be configured to meet special needs of the customer. Jukeboxes of the 7x00-series can be extended by cabinets up to the **TERASTORE 7600** with max. 2,256 slots.

The **TERASTORE 7500** provides up to 1,836 slots and 110.16 TB of native capacity respectively. It can be equipped with 1 up to 32 drives. Only non-modified original drives and cartridges are used. Drive exchange and upgrade can be easily done in the field.

Reliable

The standard **LVD-SCSI-Interface** (Low Voltage Differential) of the jukebox controls the data transfer between server and drives and transmits the control commands to the highly powerful robotics. Interacting with the robust servo drive and the flexible double picker, the robotics ensures rapid change of optical disks combined with complete reliability.



Easy to use

A so called mailbox allows loading and unloading of the data cartridges. Administration of the **TERASTORE 7500** is menu-driven. A display shows the current state of the system. The barcode reader which is basically integrated into the picker, enables an efficient media management. Media with barcode label are identified by the barcode reader. Time of re-inventory can be decreased enormously.

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Fully automatic handling of up to 1,836 media at unrivalled speed with integrated barcode reader.

Jukebox Configurations

Model	Drives number MO/UDO	Slots max.	MO 9.1GB/Disk max. capacity in GB	UDO 60GB/Disk max. capacity in GB
T7500	1-2	1,836	16,707	110,160
T7500	3-4	1,830	16,653	109,800
T7500	5-6	1,824	16,598	109,440
T7500	7-8	1,818	16,543	109,080
T7500	9-10	1,812	16,489	108,720
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T7500	31-32	1,746	15,888	104,760

further configurations on request

Specifications

Dimensions w / d / h in mm	4,000 / 800 / 1,950
Weight without drives	1,605 pounds (± 10%)
Operating temperature/humidity	+10°C to +35°C / 10% to 80% (non-condensing)
Voltage	230 V / 50 Hz / 10 A (115 V / 60 Hz possible)
Power consumption	800 W
Interface	LVD-SCSI (Low Voltage Differential)
Dual picker	Fastest media access, true exchange
Barcode reader	Integrated into picker assembly
Medium access time in sec	8
Maximum access time in sec	12
Safety regulations	VDE, CE, EMV interference class B
MSBF (Mean Swaps Between Failure)	3,000,000*
MTTR (Mean Time To Repair)	30 min

Standard Accessories

Barcode reader
5 meter LVD-SCSI cable (2 x 68-pin HD male plug)
2 meter power cable (appliance plug)

Optional Accessories

Further LVD-SCSI interfaces
Fibre Channel interface
iSCSI interface
NAJ - solution (Network Attached Jukebox)
Partitioning module (LPM)

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