

TERASTORE 5500

Technology

The **TERASTORE 5500** 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 5500** is a modular designed storage system which can be configured to meet special needs of the customer.

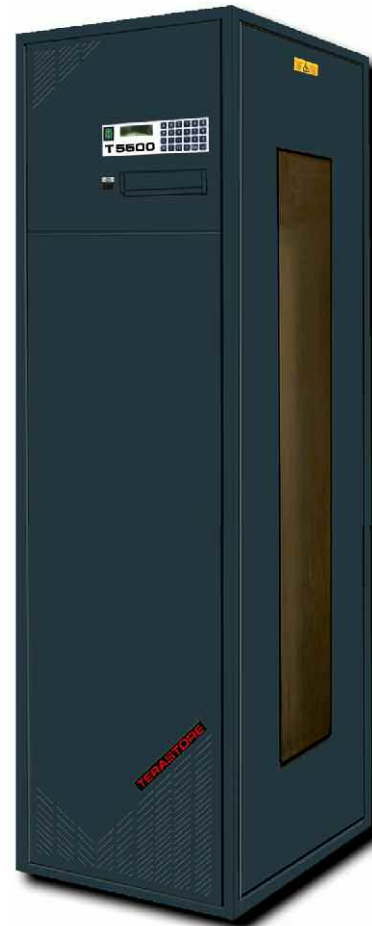
The **TERASTORE 5500** provides up to 156 slots and 9.36 TB of native capacity respectively.

It can be equipped with 1 up to 10 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 5500** 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.

TERASTORE 5500

Fully automatic handling of up to 156 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
T5500	1-2	156	1,419	9,360
T5500	3-4	150	1,365	9,000
T5500	5-6	144	1,310	8,640
T5500	7-8	138	1,255	8,280
T5500	9-10	132	1,201	7,920

further configurations on request

Specifications

Dimensions w / d / h in mm	540 / 680 / 1,795
Weight without drives	297 pounds (± 10%)
Operating temperature/humidity	+10°C to +35°C / 10% to 80% (non-condensing)
Voltage	230 V / 50 Hz / 6,3 A (115 V / 60 Hz possible)
Power consumption	500 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	4
Maximum access time in sec	6
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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