



Product Notes for the Sun StorEdge™ L700

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Product Notes for the Sun StorEdge™ L700

Product Notes for the Sun StorEdge L700 presents information that is unique to the Sun StorEdge™ L700 tape library. The information contained herein replaces equivalent information found in the document published by Storage Technology Corporation (StorageTek) and provided with the L700 (*L700 Tape Library: Installation Manual*, Document 95843).

Ordering Documents

The Sun StorEdge L700 tape library is manufactured by Storage Technology Corporation. Storage Technology provides all of the basic product documents.

TABLE 1 L700 Tape Library Documents

Document Title	Part Number
<i>L700 Tape Library General Information Manual</i>	MT 5008 A
<i>L700 Tape Library Illustrated Parts Catalog</i>	95847
<i>L700 Tape Library Operator's Guide</i>	95845
<i>L700 Tape Library Service Manual</i>	95846
<i>L700 Tape Library System Assurance Guide</i>	MT 4011 A
<i>L700 SCSI Reference Manual</i>	95869

▼ To Order By Telephone

- **Call Storage Technology Literature Distribution at 303-673-5994.**

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General Information

Note – Sun Microsystems offers one StorEdge L700 base model. Table 2 describes it, and Table 3 gives information about additional options. The base model does not include any drives. Each drive must be ordered as a 9840 Drive Option or as a DLT 7000 Drive Option.

Model

TABLE 2 Sun StorEdge L700 Model

Model	Drive Columns	Description
L700	1	396 cartridge slots, no expansion frame, Panel 2 access

Note: The second cartridge access port (CAP) option must be ordered as a feature. Since the CAP is not used as a storage location, the number of CAPs does not increase or decrease the storage capacity within the library.

Supported Options

TABLE 3 Sun StorEdge L700 Supported Options

Option	Description
Second Power/Drive Bay Option	<ul style="list-style-type: none">• Second drive bay• Second power distribution unit• Second power supply (for robotics)
Expansion Door Option	<ul style="list-style-type: none">• Expansion door adds 294 cartridge slots
Second Cartridge Access Port (CAP) Option	<ul style="list-style-type: none">• Second Cartridge Access Port (CAP)
9840 Drive Option*	<ul style="list-style-type: none">• 9840 tape drive (up to 12 drives in one L700 tape library)
Media Startup Option	<ul style="list-style-type: none">• One hundred 9840 data cartridges• Five 9840 cleaning cartridges• One package of 200 labels
9840 Media Option	<ul style="list-style-type: none">• Twenty 9840 data cartridges
9840 Cleaning Cartridge Option	<ul style="list-style-type: none">• Five 9840 cleaning cartridges
DLT 7000 Drive Option*	<ul style="list-style-type: none">• DLT 7000 tape drive (up 20 drives in one L700 tape library)
L700 Media Magazine Option	<ul style="list-style-type: none">• One L700 media magazine

* A minimum of one (1) 9840 Drive Option or DLT 7000 Drive Option must be ordered with each Sun StorEdge L700 system.

Cables

Each Drive Option includes one each of the following:

- 6-meters (19.7 feet) length Ultra SCSI cable (68-pin to VHDC)
- 457-millimeters (18 inches) length Ultra SCSI cable (68-pin to 68-pin)

Consult your Sun sales representative about other cable length options.

Capacity Variations

The capacity variations available for the L700 are listed in the tables below.

Note – These variations are automatically configured at initial program load (IPL) time. The firmware configures the size of the library by the positions of the theta crash stops.

TABLE 4 Capacity Variations—1 Drive Column

Size	Capacity
Base	396 cells
With expansion door	690 cells

TABLE 5 Capacity Variations—2 Drive Columns

Size	Capacity
Base	336
With expansion door	630

Supported Host System Configurations

TABLE 6 Host System Requirements

System Component	Requirement
Operating Environment	Solaris™ 6 and 7 with patches for SPARC CPUs: <ul style="list-style-type: none">• Solaris 6 with patch 105847-04• Solaris 7 with patch 107460-04
Host Bus Adapter	Ultra (differential) SCSI: <ul style="list-style-type: none">• SBus: X1065A• PCI Bus: X6541A
System Configurations	<ul style="list-style-type: none">• Two libraries per host system• Two drives per bus
Applications	<ul style="list-style-type: none">• VERITAS NetBackup™ 3.2 plus patch 108261-01 or later• VERITAS Storage Migrator™ 3.2 or later• Solstice Backup™ 5.5.1 or later

TABLE 7 Supported Host System Configurations

Sun Enterprise™ Server	Maximum Number of Drives	Library/Libraries per System
E450	4	1
E3x00	8	1
E4x00	12	1
E5x00	12	1
E6x00	12	1
E10000	24	2

- These configurations are based on I/O slot availability and throughput considerations of each platform.
- These configurations assume all data flows through the specified server.
- These configurations will change if the drives are distributed between multiple hosts.
- Contact your Sun sales representative for alternative configuration information.

