

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

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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	228 cartridge slots, no expansion frame, no 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)
168 Cartridge Expansion	168 Cartridge Expansion Slots
Expansion Frame Option **	<ul style="list-style-type: none">• Expansion Frame 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 to 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.

** 168 Cartridge Expansion slots is a prerequisite to the Expansion Frame option.

Cables

Each 9840 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	228 cells
With 168 Cartridge Expansion	396 cells
With Expansion Frame	690 cells

TABLE 5 Capacity Variations—2 Drive Columns

Size	Capacity
Base	168 cells
With 168 Cartridge Expansion	336 cells
With Expansion Frame	630 cells

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.

