Sun Enterprise XX00 Server Systems Options Document

Updated: December 2001

Introduction and Purpose

This document has been generated using input from Product Marketing, Server Systems Quality Assurance, and other Sun Organizations. It describes the Sun Enterprise XX00 Server system configurations and options that are supported with Solaris 2.5.1, 2.6, 7, 8 and above.

This document is divided into the following sections:

- this introduction
- terms and definitions
- notes
- a table of Hardware Marketing Part Numbers

Terms and Definitions

- The Maximum Quantity column uses the format "6/5/4/3X00", where 6 is the maximum quantity for the Enterprise 6X00, 5 is the maximum for the Enterprise 5X00, 4 is the maximum for the Enterprise 4X00, and 3X00 is the maximum for the Enterprise 3X00. When an option is unsupported for just one of these systems, a "-" (dash) is used instead of a number.

- A single number in the Maximum Quantity column is used when it reflects the maximum quantity within a subsystem, such as the number of disks *within* a Sun StorEdge Array rather than the number of StorEdge Array's or the number of disk handled by the system.

The following table explains the different symbols used in the System Options tables.

Symbol Reference for System Options Document Tables

Table 0-1

Symbol	Description
1,2,3...	Refer to Note #n in this section
R	A **Restricted** Use option. See specific option notes for explanation.
U	**Upgrade** - Supported but has been EOL'd. Check with Price Book to see if still orderable.

General Notes

- Whenever there are separate versions for local power cables or different voltages, e.g. -V4 for 220 Volts, all versions are supported unless otherwise noted.

- Support for Southern Hemisphere monitors is implicitly assumed when its corresponding "standard" Northern Hemisphere monitor is listed.

Enterprise XX00 Server Hardware Marketing Part Numbers

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Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes

	Enterprise XX00 Server, General Notes:
	
	a. *System clock set for 83.3MHz for 167MHz & 250 MHz CPUs, 84MHz for 336MHz CPUs, 100MHz for 400MHz/4MB and 400MHz/8MB CPUs running at a processor-to-Gigaplane speed ratio of 4:1 on 3X00-5X00 systems, 80MHz for 400MHz/8MB CPUs running at a ratio of 5:1 on 3X00-6X00 systems*
	b. *Clock Board includes two RS232 compatible serial ports*
	c. *To upgrade to 464-MHz from 167, 250, 336, or 400-MHz, they must ensure they have the latest clockboard (shipping in new systems since May 1999). To upgrade the clockboard, order upgrade part number UG-5/1-Clockboard.*
	d. *3500-5500 servers can run the 464-MHz module in either 5:1 mode (in which case the interconnect will run at 92.8-MHz) or in 6:1 mode (in which case the interconnect will run at 77.3-MHz). In order to run the faster 5:1 mode, all system boards in the server must be 100-MHz capable. System boards that are 100-MHz capable all have marketing part numbers that end in the number "2" (for example, CPU/Memory board (X)2602A).*
	6500 and 3000-6000 servers can run the 464-MHz module in 6:1 mode only (so the interconnect will run at 77.3-MHz).
	e. *The following software or firmware is required to support the 464-MHz/8-MB module in Sun Enterprise 3X00-6X00 servers:*
	1. System flash PROM 3.2.29 must be installed. This is available at: http://sunsolve.sun.com, as patchid 103346.
	2. For systems running Solaris 2.5.1, software patches 103640 and 104595 must be installed.
	3. For systems running Solaris 2.6, software patch 105181 must be installed.
	4. For systems running Solaris 7, software patch 106541 must be installed.
	5. For systems running Solaris 8, software patch 108528 must be installed.
	6. When installing Solaris 2.5.1 or 2.6 on a system with 464-MHz/8-MB modules, auto-negotiation issues on ethernet interfaces may arise. To address these issues, use the following workaround for each ethernet interface, depending on system infrastructure:
	    at the OBP prompt enter: ok apply transfer-speed=10 <path-for-hme>
	        or ok apply transfer-speed=100 <path-for-hme>
	See the "Sun Enterprise xx00 Systems CPU Module Installation Guide for 464-MHz 8-Mbyte CPU Module" for more information.
	f. *Thermal Restrictions:*
	1. For Sun Enterprise 6500/5500 and rack-mounted 4500 systems with 464-MHz/8-MB modules, ambient temperature should not exceed 35 degC between 0-6000 feet in elevation, or exceed 32 degC between 6000-10000 feet in elevation.
	2. For standalone Sun Enterprise 4500 and 3500 systems with 464-MHz/8-MB modules, ambient temperature cannot exceed 40 degC between 0-6000 feet or exceed 37 degC between 6000-10000 feet.			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	1. Enterprise XX00 Server Configurations:			
	Enterprise XX00 Server, Configuration Notes:			

Enterprise XX00 Server, Configuration Notes:

1. *Every system must include at least 1 CPU/Memory Board, one I/O Board, one CPU option, and one Memory option*
2. *Enterprise 6X00 contains a total of 16 slots, accommodating a total of 16 CPU/Memory Boards and I/O Boards*
3. *Enterprise 4X00/5X00 contains a total of 8 slots, accommodating a total of 8 CPU/Memory Boards and I/O Boards*
4. *Enterprise 3000 contains a total of 4 slots, accommodating a total of 4 CPU/Memory Boards and I/O Boards*
5. *Enterprise 3500 contains a total of 5 slots, accomodating a total of 5 CPU/Memory Boards and I/O Boards*
6. *The 56-inch Enterprise System Cabinet contains from top to bottom:*
   a. *One Peripheral Option: Multi-Tape Backup tray or SPARCstorage Library*
   b. *8-slot or 16-slot cardcage, and*
   c. *space for up to two Sun StorEdge Arrays or three disk trays with 16-slot cardcage*
   d. *space for up to three Sun StorEdge Arrays or four disk trays with 8-slot cardcage*
7. *The 68-inch Enterprise System Cabinet contains from top to bottom:*
   a. *One Peripheral Option: Multi-Tape Backup tray or SPARCstorage Library (Note: the E5501/E5502 and E6501/E6502 Cabinets have an enhanced bezel that allows A5X00, A/D1000, L280 and other devices to be installed in the top section of the cabinet).*
   b. *8-slot or 16-slot cardcage, and*
   c. *space for up to three Sun StorEdge Arrays or four disk trays with 16-slot cardcage*
   d. *space for up to four Sun StorEdge Arrays or five disk trays with 8-slot cardcage.*
8. *When installing 464-MHz/8-MB modules in a Sun Enterprise 4500, EMI spring gaskets (X990G) must be installed on the media tray of the 4500 system if gasketing around the media tray is not already in place. New 464-MHz 4500 systems will be factory configured with this gasketing. When installing 464-MHz/8-MB modules in a Sun Enterprise 6500, or a Sun Enterprise 5500 with one or more Sun Enterprise 4500s in the same cabinet, a gasketed EMI door (X9633A) must be installed. For previously installed non-gasketed EMI doors (X9623A), EMI foam gaskets (X991G) must be installed on the inside edges. New 464-MHz 6500 or 5500 config-ured systems will be factory configured with this gasketing. When installing 464-MHz/8-MB modules in two or more E4500-Rs in the Sun StorEdge(TM) Expansion cabinet, a standard EMI door is required.*

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	9. For 464-MHz/8-MB modules in two or more E4500-Rs in the Sun StorEdge(TM) Expansion cabinet, a standard EMI door is required. *10. Sun StorEdge(TM) T3 systems are not supported in Sun Enterprise 6500 server w/ 464-MHz CPU modules and 5500 server w/ 464-MHz CPU modules in the system cabinets with an EMI door. The EMI door limits space for T3 systems.* **Enterprise EX502 & EX503 Server Chassis, specific notes:** *11. The EX50X base packages are "Standard" base packages that have a restricted option-set for CPU/Memory requiring that all factory-configured CPU and Memory come in the form of bundled CPU/Memory building blocks. Single, unpopulated CPU/Memory boards (2602A), and single CPUs (2560A 336MHz, 2580A 400MHz) are not valid for factory configu-ration in these base systems. The 256MB memory option (7022A) is also not offered as a factory-configured option.* *12. The E450X, E450X-R, E550X and E650X base packages each contain 2 SBus I/O boards. This quantity should be taken into consideration when determining the quantity of additional options that can configured in the chassis* *13. The EX50X-Cnn(n) base chassis are richly-configured, Configure-to-Order variations of the EX50X base packages. They contain some CPU, Memory, SBus I/O boards, and Power-Cooling Modules.* *14. The EX50X-Pnn(n) base chassis are fixed-configuration, Pick-to-Order systems and do not support any factory-configurable options, however they do support field-configurable options (xoptions) of the same type and quantity listed for the equivalent version EX50X-Cnn(n) factory-config-urable base system.* *15. Every EX50X based-system must be factory-configured with a minimum number of CPUs from standard CPU/Memory building-blocks (described in subsequent section):* *i. E3502: min 2 CPUs* *ii. E4502/E4502-R: min 4 CPUs* *iii.E5502: min 4 CPUs* *iv. E6502: min 4 CPUs*			
	Enterprise XX00 Server, specific notes: *1. Append V5 to part number for Denmark version only*			
	1.1 Base Packages:			
E6502	Enterprise 6500 Server: Chassis, 2 SBus I/O boards, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1, 11, 12, 15

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
E6502-C816	Enterprise 6500 Server: Factory-configurable chassis incl. 2 SBus I/O boards, 8 CPU/Memory boards, 16 400MHz/8MB CPUs, sixteen 1GB Memory options, 6 Power/Cooling Modules, SunCD32, Solaris Server License			1, 2, 11, 12, 13
E6502-P816	Enterprise 6500 Sever, Fixed-configuration chassis incl. 2 SBus I/O boards, 8 CPU/Memory boards, 16 400MHz/8MB CPUs, sixteen 1GB Memory options, 6 Power/Cooling Modules, SunCD32, Solaris Server License			1, 2, 14
E5502	Enterprise 5500 Server: Chassis, 2 SBus I/O boards, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1, 3, 11, 12, 15
E5502-C88	Enterprise 5500 Server: Factory-configurable chassis incl. 2 SBus I/O boards, 4 CPU/Memory boards, 8 400MHz/8MB CPUs, eight 1GB Memory options, 4 Power/Cooling Modules, SunCD32, Solaris Server License			1, 3, 11, 12, 13
E5502-P88	Enterprise 5500 Sever: Fixed-configuration chassis incl. 2 SBus I/O boards, 4 CPU/Memory boards, 8 400MHz/8MB CPUs, eight 1GB Memory options, 4 Power/Cooling Modules, SunCD32, Solaris Server License			1, 3, 11, 12, 14
E4502	Enterprise 4500 Server: Chassis, 2 SBus I/O boards, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1, 3, 11, 12, 15
E4502-R	Rack-Mounted Enterprise 4500 Server: 72-inch Sun StorEdge Cabinet, rack-mounted Sun Enterprise 4500 chassis, 2 SBus I/O boards, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1, 3, 11, 12, 15
E4502-C88	Enterprise 4500 Server: Factory-configurable chassis incl. 2 SBus I/O boards, 8 CPU/Memory boards, 8 400MHz/8MB CPUs, eight 1GB Memory options, 4 Power/Cooling Modules, SunCD32, Solaris Server Licens			1, 3, 11, 12, 13
E4502-P88	Enterprise 4500 Sever, Fixed-configuration chassis incl. 2 SBus I/O boards, 4 CPU/Memory boards, 8 400MHz/8MB CPUs, eight 1GB Memory options, 4 Power/Cooling Modules, SunCD32, Solaris Server License			1, 3, 11, 12, 14
E3502-C82	Enterprise 3500 Server: Chassis, 1 SBus I/O Board, 2 Power/Cooling Modules, SunCD32, 1 CPU/Memory Board, 2 400-MHz/8MB CPUs, one 1GB Memory Option, Solaris Server License			1, 5, 12, 13, 15
E3502-C83	Enterprise 3500 Server: Chassis, 1 SBus I/O Board, 2 Power/Cooling Modules, SunCD32, 1 CPU/Memory Board, 2 400-MHz/8MB CPUs, one 2GB Memory Option, Solaris Server License			1, 5, 12, 13, 15

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
E3502-C84	Enterprise 3500 Server: Factory-configurable chassis incl. 1 SBus I/O Board, 3 Power/Cooling Modules, 1 2nd Peripheral Power Supply, SunCD32, 2 CPU/Memory Boards, 4 400-MHz/8MB CPUs, two 1GB Memory Options, 1 FC-AL Interface Board, 4 GBICs (total), two 2-meter FC-AL cables (total), 4 18.2GB 10,000 rpm FC-AL disk drives, Solaris Server License			1, 5, 11, 13, 15
E3502-P84	Enterprise 3500 Server: Fixed-configuration chassis incl. 1 SBus I/O Board, 3 Power/Cooling Modules, 1 2nd Peripheral Power Supply, SunCD32, 2 CPU/Memory Boards, 4 400-MHz/8MB CPUs, two 1GB Memory Options, 1 FC-AL Interface Board, 4 GBICs (total), two 2-meter FC-AL cables (total), 4 18.2GB 10,000 rpm FC-AL disk drives, Solaris Server License			1, 5, 11, 14
E6501	Enterprise 6500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1
E5501	Enterprise 5500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1
E4501	Enterprise 4500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, Solaris Server License			1
E3501-C62	Enterprise 3500 Server: Chassis, 1 Power/Cooling Module, SunCD32, 1 CPU/Memory Board, two 336-MHz/4MB UltraSPARC modules, Solaris Server License			1
E3501-C72	Enterprise 3500 Server: Chassis, 1 Power/Cooling Module, SunCD32, 1 CPU/Memory Board, two 400-MHz/4MB UltraSPARC modules, Solaris Server License			U
E3501-C82	Enterprise 3500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, 2 CPU/Memory Boards, two 400-MHz/8MB UltraSPARC modules, Solaris Server License			1
E6500	Enterprise 6500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, Solaris Server License			U
E5500	Enterprise 5500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, Solaris Server License			U
E4500	Enterprise 4500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, Solaris Server License			U
E3500	Enterprise 3500 Server: Chassis, 1 Power/Cooling Modules, SunCD32, Solaris Server License			U
E3500-C52	Enterprise 3500 Server: Chassis, 1 Power/Cooling Module, SunCD32, 1 CPU/Memory Board, two 250-MHz/4MB UltraSPARC modules, Solaris Server License			U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
E3500-C62	Enterprise 3500 Server: Chassis, 1 Power/Cooling Module, SunCD32, 1 CPU/Memory Board, two 336-MHz/4MB UltraSPARC modules, Solaris Server License			U
E3500-C54	Enterprise 3500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, 2 CPU/Memory Boards, four 250-MHz/4MB UltraSPARC modules, Solaris Server License			U
E3500-C64	Enterprise 3500 Server: Chassis, 2 Power/Cooling Modules, SunCD32, 2 CPU/Memory Boards, four 336-MHz/4MB UltraSPARC modules, Solaris Server License			U
E6002	Enterprise 6000 Server: Chassis, 2 Power/Cooling Modules, SunCD12, Solaris Server License			U
E5002	Enterprise 5000 Server: Chassis, 2 Power/Cooling Modules, SunCD12, Solaris Server License			U
E4002	Enterprise 4000 Server: Chassis,, 2 Power/Cooling Modules, SunCD12, Solaris Server License			U
E3002	Enterprise 3000 Server: Chassis,, 1 Power/Cooling Module, SunCD12, Solaris Server License			U
E3002-C52	Enterprise 3000 Server: Chassis, 1 Power/Cooling Module, SunCD12, 1 CPU/Memory Board, two 250-MHz/4MB UltraSPARC modules, Solaris Server License			U
E3002-C62	Enterprise 3000 Server: Chassis, 1 Power/Cooling Module, SunCD12, 1 CPU/Memory Board, two 336-MHz/4MB UltraSPARC modules, Solaris Server License			U
E3503-P84	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, three Power/Cooling Modules,Second Peripheral Power Supply, two CPU/ Memory Boards, four 400-MHz/8-MB UltraSPARC Modules, two 1-GB memory options, one SBus I/O board, one FC-AL Interface Board, four GBIC modules, two 2-meter FC-AL cables, four 18.2-GB 10,000 RPM FC-AL Disks, Solaris Server License (No additional factory-configured options allowed. Standard Product Configuration)			1, 5, 14
E4503-P88	Enterprise 4500 Server Base Package Standalone Enclosure, one DVD10, four Power/Cooling Modules, four CPU/Memory Boards, eight 400-MHz/8-MB UltraSPARC Modules, eight 1-GB memory options, two SBus I/O boards, Solaris Server License (No additional factory- configured options allowed. Standard Product Configuration)			1, 3, 14
E5503-P88	Enterprise 5500 Server Base Package, Data Center System Cabinet, 8-slot Card Cage, one DVD10, four Power/Cooling Modules, four CPU/Memory Boards, eight 400-MHz/8-MB UltraSPARC Modules, eight 1-GB memory options, two SBus I/O boards, Solaris Server License (No additional factory- configured options allowed. Standard Product Configuration)			1, 3, 14

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
E6503-P816	Enterprise 6500 Server Base Package, Data Center System Cabinet, 16-slot Card Cage, one DVD10, six Power/Cooling Modules, eight CPU/Memory Boards, sixteen 400-MHz/8-MB UltraSPARC Modules, sixteen 1-GB memory options, two SBus I/O boards, Solaris Server License (No additional factory-configured options allowed. Standard Product Configuration)			1, 2, 14
E3503-C82	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/ Memory Board, two 400-MHz/8-MB UltraSPARC Modules, one 1-GB Memory option, Solaris Server License. (Standard Product Configuration when Standard Configuration Rules Followed).			1, 5, 11, 15
E4503	Enterprise 4500 Server Base Package Standalone Enclosure, one DVD10, one Power/Cooling Module, Solaris Server License. (Standard Product Configuration when Standard Configuration Rules Followed).			1, 3, 11, 15
E4503-R	Enterprise 4500 Server Base Package Rackmounted in 72" StorEdge Rack, one DVD10, one Power/Cooling Module, Solaris Server License Configuration also includes fan tray. (Standard Product Configuration when Standard Configuration Rules Followed).			1, 3, 11, 15
E4503-RR1	Rack-Ready Sun Enterprise 4500 Server chassis with side panels removed and rack-mount rail kit included, one DVD10, one Power/Cooling Module, Solaris Server License. (Standard Product Configuration when Standard Configuration Rules Followed; For 72-inch StorEdge Cabinets).			1, 3, 11, 15
E4503-RR2	Rack-Ready Sun Enterprise 4500 Server chassis with side panels removed and rack-mount rail kit included, one DVD10, two Power/Cooling Modules, Solaris Server License. (Standard Product Configuration when Standard Configuration rules followed; For 68-inch Sun Enterprise System and Expansion Cabinets).			1, 3, 11, 15
E5503	Enterprise 5500 Server Base Package System Cabinet, one DVD10, one Power/Cooling Module, Solaris Server License. (Standard Product Configuration when Standard Configuration Rules Followed).			1, 3, 11, 15
E6503	Enterprise 6500 Server Base Package System Cabinet, one DVD10, one Power/Cooling Module, Solaris Server License. (Standard Product Configuration when Standard Configuration Rules Followed).			1, 2, 11, 15
E3503	Enterprise 3500 Server Base Package Tower Enclosure, one DVD10, one Power/Cooling Module, Solaris riser cards pre-installed, includes Server License.			1, 5, 15
E3503-C62	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/ Memory Board, two 336-MHz/4-MB UltraSPARC Modules, one 1-GB Memory option, Solaris Server License			1, 5, 11, 15
E3503-C83	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/ Memory Board, two 400-MHz/8-MB UltraSPARC Modules, one 2-GB Memory option, Solaris Server License			1, 5, 11, 15

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
E3503V5-C62	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/Memory Board, two 336-MHz/4-MB UltraSPARC Modules, one 1-GB Memory option, Solaris Server License, Denmark			1, 5, 11, 15
E3503V5-C82	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/Memory Board, two 400-MHz/8-MB UltraSPARC Modules, one 1-GB Memory option, Solaris Server License, Denmark			1, 5, 11, 15
E3503V5-C83	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/Memory Board, two 400-MHz/8-MBUltraSPARC Modules, one 2-GB Memory option, Solaris Server License, Denmark			1, 5, 11, 15
E4503V5	Enterprise 4500 Server Base Package Standalone Enclosure, one DVD10, one-Power/Cooling Module, Solaris Server License. Denmark Only			1, 3, 11, 15
E3503-C92	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/ Memory Board, two 464-MHz/8-MB UltraSPARC Modules, one 1-GB Memory option, Solaris Server License. (Standard Product Configuration when Standard Configuration Rules Followed).			1, 5, 11, 15
E3503-C93	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, one Power/Cooling Module, one CPU/ Memory Board, two 464-MHz/8-MB UltraSPARC Modules, one 2-GB Memory option, Solaris Server License			1, 5, 11, 15
E3503-P94	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, three Power/Cooling Modules, Second Peripheral Power Supply, two CPU/ Memory Boards, four 464-MHz/8-MB UltraSPARC Modules, two 1-GB memory options, one SBus I/O board, one FC-AL Interface Board, four GBIC modules, two 2-meter FC-AL cables, four 18.2-GB 10, 000 RPM FC-AL Disks, Solaris Server License (No additional factory-configured options allowed. Standard Product Configuration)			1, 5, 14
E4503-P98	Enterprise 4500 Server Base Package Standalone Enclosure, one DVD10, four Power/Cooling Modules, four CPU/Memory Boards, eight 464-MHz/8-MB UltraSPARC Modules, eight 1-GB memory options, two SBus I/O boards, Solaris Server License (No additional factory- configured options allowed. Standard Product Configuration)			1, 3, 8, 9, 14
E5503-P98	Enterprise 5500 Server Base Package, Data Center System Cabinet, 8-slot Card Cage, one DVD10, four Power/Cooling Modules, four CPU/Memory Boards, eight 464-MHz/8-MB UltraSPARC Modules, eight 1-GB memory options, two SBus I/O boards, Solaris Server License (No additional factory- configured options allowed. Standard Product Configuration)			1, 3, 8, 10, 14

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
E6503-P916	Enterprise 6500 Server Base Package, Data Center System Cabinet, 16-slot Card Cage, one DVD10, six Power/Cooling Modules, eight CPU/Memory Boards, sixteen 464-MHz/8-MB UltraSPARC Modules, sixteen 1-GB memory options, two SBus I/O boards, Solaris Server License (No additional factory-configured options allowed. Standard Product Configuration)			1, 2, 8, 10, 14
E3503-P94B	Enterprise 3500 Server Base Pkg, tower enclosure, one DVD10, three Power/Cooling Modules, Second Peripheral Power Supply, two CPU/ Memory Boards, four 464-MHz/8-MB UltraSPARC Modules, two 1-GB memory options, one SBus I/O board, one FC-AL Interface Board, four GBIC modules, two 2-meter FC-AL cables, four 36-GB 10, 000 RPM FC-AL Disks, Solaris Server License (No additional factory-configured options allowed. Standard Product Configuration)			1, 5, 14
	1.2 CPU/Memory Boards:			

	1.2.1 CPU/Memory Board
	 For use with Exx00 and Ex501 base chassis only:
	 1. *each CPU/Memory Board comes with:*
	   a. *two UltraSPARC Module sockets,*
	   b. *Two memory option groups, eight DIMM sockets per group, (See the Memory Option section for more details.)*
	   c. *a set of diagnostic LEDs.*
	 2. *Refer to section 1.4 for additional Power/Cooling Module requirements.*
	 3. *The (X)2602A CPU/Memory Board is required to support the 400/4-MB module.*
	 4. *The (X)2601A or (X)2602A CPU/Memory Boards are required to support the 250-MHz/4-MB 336-MHz/4-MB, or 400/8-MB module.*
	 5. *The (X)2600A only recognizes up to 2-MB of external cache per CPU module.*
	 6. *The (X)2602A is capable of supporting the Gigaplane at speeds of up to 100-MHz.*
	 7. *The (X)2600A/(X)2601A are capable of supporting the Gigaplane at speeds of up to 84-MHz.*			

(X)2600A	Enterprise XX00 Server CPU/Memory Board (with no processors or memory)	15 / 7 / 7 / 4	15 / 7 / 7 / 3	U
(X)2601A	Enterprise XX00 Server CPU/Memory Board (with no processors or memory)	15 / 7 / 7 / 4	15 / 7 / 7 / 3	U
(X)2602A	Enterprise XX00 Server CPU/Memory Board (with no processors or memory)	15 / 7 / 7 / 4	15 / 7 / 7 / 3	
C2602A	Configurable Enterprise XX00 Server CPU/Memory Board with processors and/or memory	15 / 7 / 7 / 4	15 / 7 / 7 / 3	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	1.2.1.1 CPU/Memory System Building Blocks			
	1. *Each CPU/Memory Building Block comes with 2 or 4 CPUs and memory populated on 1 or 2 CPU/Memory board(s) respectively*			
	2. *Only these CPU/Memory System Building Blocks can be used to factory-configure CPUs in the EX502 base packages and EX502-Cnn(n) Factory-Configurable Server Packages..*			
	3. *For EX501 base packages, these building blocks may be used to factory-configure CPUs and Memory. However, individual CPU/Memory Boards (2602A) may NOT be factory configured into the same system.*			
	4. *These building-blocks can only be used for factory configuration in EX501 base chassis if the configuration contains...* *i. for the E3501, no SBus I/O boards* *ii. for the E4501, E5501, and E6501, less than 2 SBus I/O boards*			
	5. *The "B" building-blocks, e.g. 2602A-P84B should only be used to add CPU/Memory in systems where there already exists the maximum supported number of Power/Cooling modules. Otherwise, the "A" version must be used.*			
	6. *When installing 464-MHz/8-MB modules in a Sun Enterprise 4500, EMI spring gaskets (X990G) must be installed on the media tray of the 4500 system if gasketing around the media tray is not already in place. New 464-MHz 4500 systems will be factory configured with this gasketing. When installing 464-MHz/8-MB modules in a Sun Enterprise 6500, or a Sun Enterprise 5500 with one or more Sun Enterprise 4500s in the same cabinet, a gasketed EMI door (X9633A) must be installed. For previously installed non-gasketed EMI doors (X9623A), EMI foam gaskets (X991G) must be installed on the inside edges. New 464-MHz 6500 or 5500 configured systems will be factory configured with this gasketing. When installing 464-MHz/8-MB modules in two or more E4500-Rs in the Sun StorEdge(TM) Expansion cabinet, a standard EMI door is required.*			
	7. *For 464-MHz/8-MB modules in two or more E4500-Rs in the Sun StorEdge(TM) Expansion cabinet, a standard EMI door is required.*			
	8. *Sun StorEdge(TM) T3 systems are not supported in Sun Enterprise 6500 server w/ 464-MHz CPU modules and 5500 server w/ 464-MHz CPU modules in the system cabinets with an EMI door. The EMI door limits space for T3 systems.*			
	Capacity-On-Demand (COD) building-block specific notes,			
	9. *These COD building-blocks are identical in hardware to the non-COD versions and have the same general configuration rules, but also have specific, unique, configuration rules described below.*			
	10. *Before the COD building-blocks, e.g. (X)2602A-P84A-COD, can be factory-configured into a system, the system must have at least a minimum number of standard building-block CPUs. This does not apply to field-installed COD options:* *i. E3501/E3502: min. 2 non-COD CPUs* *ii. E4501/E4502/E4502-R: min 4 non-COD CPUs* *iii. E5501/E5502: min 4 non-COD CPUs* *iv. E6501/E6502: min 8 non-COD CPUs*			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)2602A-P62	One 2602A CPU/Memory Board populated with two 400-MHz/8-MB CPUs and one 1-GB memory option	15 / 7 / 7 / 4	15 / 7 / 7 / 3	R,1,2,3,4
(X)2602A-P82	One 2602A CPU/Memory Board populated with two 400-MHz/8-MB CPUs and one 1-GB memory option	15 / 7 / 7 / 4	15 / 7 / 7 / 3	R,1,2,3,4
(X)2602A-P83	One 2602A CPU/Memory Board populated with two 400-MHz/8-MB CPUs and one 2-GB memory option	15 / 7 / 7 / 4	15 / 7 / 7 / 3	R,1,2,3,4
(X)2602A-P84A	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and two 1-GB memory options, one Power/Cooling Module	6 / 2 / 2 / 1	6 / 2 / 2 / 1	R,1,2,3,4
2602A-P84B	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and two 1-GB memory options, factory-configured only	1 / 1 / 1 / 1	0 / 0 / 0 / 0	R,1,2,3,4,5
(X)2602A-P85A	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and one 2-GB memory option, one Power/Cooling Module	6 / 2 / 2 / 1	6 / 2 / 2 / 1	R,1,2,3,4
2602A-P85B	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and one 2-GB memory option, factory-configured only	1 / 1 / 1 / 1	0 / 0 / 0 / 0	R,1,2,3,4,5
(X)2602A-P84A-COD	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and two 1-GB memory options, one Power/Cooling Module, each board requires RTU license in order to be used	4 / 1 / 1 / 1	4 / 1 / 1 / 1	R,1,2,3,4,9,10
2602A-P84B-COD	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and two 1-GB memory options, factory-configured only, each board requires RTU license in order to be used	1 / 1 / 1 / 1	0 / 0 / 0 / 0	R,1,2,3,4,5,9,10
(X)2620-P85A-COD	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and one 2-GB memory option, one Power/Cooling Module, each board requires RTU license in order to be used	4 / 1 / 1 / 1	4 / 1 / 1 / 1	R,1,2,3,4,9,10
2602A-P85B-COD	Two 2602A CPU/Memory Boards each populated with two 400-MHz/8-MB CPUs and one 2-GB memory option, factory-configured only, each board requires RTU license in order to be used	1 / 1 / 1 / 1	0 / 0 / 0 / 0	R,1,2,3,4,5,9,10
(X)2602A-P92	Exx00 CPU/Memory Board, two factory-configured 464-MHz/8-MB UltraSPARC modules, one factory- configured 1-GB memory option, one empty memory bank (No additional factory-configured options allowed)	15 / 7 / 7 / 4	15 / 7 / 7 / 3	6, 7, 8
(X)2602A-P93	Exx00 CPU/Memory Board, two factory-configured 464-MHz/8-MB UltraSPARC modules, one factory- configured 2-GB memory option, one empty memory bank (No additional factory-configured options allowed)	15 / 7 / 7 / 4	15 / 7 / 7 / 3	6, 7, 8
(X)2602A-P94A	Two EXX00 CPU/Memory Boards, four factory-configured 464-MHz/8-MB UltraSPARC modules, four factory- configured 1-GB memory options, one Power/Cooling Module, (No changes to CPU/Memory Board configuration allowed).	6 / 2 / 2 / 1	6 / 2 / 2 / 1	6, 7, 8

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Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers (Continued)

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)2602A-P95A	Two EXX00 CPU/Memory Boards, four factory-configured 464-MHz/8-MB UltraSPARC modules, two factory- configured 2-GB memory options, one Power/Cooling Module, (No changes to CPU/Memory Board configuration allowed).	6 / 2 / 2 / 1	6 / 2 / 2 / 1	6, 7, 8
2602A-P94B	Two EXX00 CPU/Memory Boards, four 464-MHz/8-MB UltraSPARC Modules, four 1-GB memory options, available as factory-configured option for EXX00 servers.	6 / 2 / 2 / 1	6 / 2 / 2 / 1	5, 6, 7, 8
2602A-P95B	Two EXX00 CPU/Memory Boards, four 464-MHz/8-MB UltraSPARC Modules, two 2-GB memory options, available as factory-configured option for EXX00 servers.	6 / 2 / 2 / 1	6 / 2 / 2 / 1	5, 6, 7, 8
	1.2.2 Processors:			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	UltraSPARC Module Options: 1. *Enterprise XX00 UltraSPARC modules are unique to the Enterprise XX00 family, and are not interchangeable with UltraSPARC modules from any other platform.* 2. *Up to two UltraSPARC Module options can be added to each CPU/Memory Board.* 3. *UltraSPARC Modules carry their own clock, and are therefore known as "asynchronous" modules.* 4. *MP configurations using UltraSPARC Modules require the modules to be of the same speed .* 5. *This Marketing Part-Number is not valid for factory-configuration into EX502 base packages (EX502 base packages must be configured with CPU/Memory System Building Blocks described above).* 6. *This Marketing Part-Number is not valid for factory-configuration into EX501 base packages that have CPU/Memory System Building Blocks configured into them.* 7. *When installing 464-MHz/8-MB modules in a Sun Enterprise 4500, EMI spring gaskets (X990G) must be installed on the media tray of the 4500 system if gasketing around the media tray is not already in place. New 464-MHz 4500 systems will be factory configured with this gasketing. When installing 464-MHz/8-MB modules in a Sun Enterprise 6500, or a Sun Enterprise 5500 with one or more Sun Enterprise 4500s in the same cabinet, a gasketed EMI door (X9633A) must be installed. For previously installed non-gasketed EMI doors (X9623A), EMI foam gaskets (X991G) must be installed on the inside edges. New 464-MHz 6500 or 5500 configured systems will be factory configured with this gasketing. When installing 464-MHz/8-MB modules in two or more E4500-Rs in the Sun StorEdge(TM) Expansion cabinet, a standard EMI door is required.* 8. *For 464-MHz/8-MB modules in two or more E4500-Rs in the Sun StorEdge(TM) Expansion cabinet, a standard EMI door is required.* 9. *Sun StorEdge(TM) T3 systems are not supported in Sun Enterprise 6500 server w/ 464-MHz CPU modules and 5500 server w/ 464-MHz CPU modules in the system cabinets with an EMI door. The EMI door limits space for T3 systems.*			
(X)2500A	UltraSPARC Module with One 167MHz processor / 512-Kbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	U
X2510A	UltraSPARC Module with One 167MHz processor / 1-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	U
(X)2530A	UltraSPARC Module with One 250 MHz processor / 1-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	U
(X)2550A	UltraSPARC Module with One 250 MHz processor / 4-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	U
(X)2560A	UltraSPARC Module with One 336 MHz processor / 4-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	5
(X)2570A	UltraSPARC Module with One 400 MHz processor / 4-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	U
(X)2580A	UltraSPARC Module with One 400 MHz processor / 8-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	5

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)2590A	UltraSPARC Module with One 464 MHz processor / 8-Mbyte external cache	30 / 14 / 14 /8	30 / 14 / 14 /6	5,6
	SuperSPARC Processor Module Options: *1. No Ross or SuperSPARC modules are supported in Enterprise X000 Servers.*			
	1.2.3 Memory:			
	Enterprise XX00 Server Memory Options: *1. Enterprise XX00 memory DIMMs are unique to Enterprise XX00, and are not interchangeable with DIMMs from any other platform (except E10000)..* *2. The Enterprise 6X00 can support up to 60-Gbytes of main memory with 15 CPU/Memory Boards (Solaris 2.5.1 limited to 56-GB)* *3. The Enterprise 4X00/5X00 can support up to 28-Gbytes of main memory with 7 CPU/Memory Boards.* *4. The Enterprise 3500 can support up to 16-Gbytes of main memory with 4 CPU/Memory Boards.* *5. The Enterprise 3000 can support up to 12-Gbytes of main memory with 3 CPU/Memory Boards* *6. Each CPU/Memory Board has two sets of eight DIMM sockets. Each set of eight DIMM sockets make up one memory group for the following memory options. Either 8-Mbyte, 32-Mbyte, 128-Mbyte, or 256-Mbyte DIMM modules are supported per memory bank. A combination of memory types within the same bank is not supported.* *7. Max quantity reflects total memory (in Gbytes) for systems with the maximum supported quantity of CPU/Memory Boards.* *8. Each CPU/Memory Board can contain up to 4 Gbytes of memory using 256-Mbyte DIMMs.* *9. This option is not supported for factory-configuration on EX502 base packages, but may be field-installed.*			
(X)7021A	64-MByte ECC Memory Expansion DIMMs (8 x 8-Mbit DIMM)	30 / 14 / 14 / 8	30 / 14 / 14 / 6	U
(X)7022A	256-MByte ECC Memory Expansion DIMMs (8 x 32-Mbit DIMM)	30 / 14 / 14 / 8	30 / 14 / 14 / 6	9
(X)7023A	1-GByte ECC Memory Expansion DIMMs (8 x 128-Mbyte DIMM)	30 / 14 / 14 / 8	30 / 14 / 14 / 6	
(X)7026A	2-GByte ECC Memory Expansion DIMMs (8 x 256-Mbyte DIMM)	30 / 14 / 14 / 8	30 / 14 / 14 / 6	
	SC2000 / SS1000 Memory Options: *1. No SC2000 or SS1000 memory are supported on Enterprise XX00 Server*			
	1.3 I/O Boards:			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes

	1.3.1 Enterprise XX00 Server SBus I/O Board Options
	1. *Each SBus I/O Board comes with:*
	   a. 3 SBus slots
	   b. 2 unpopulated 25-MB/sec Fibre Channel Optical Module Sockets (2610A) or 2 unpopulated 100-MB/sec FC-AL sockets (2611A, 2612A)
	   c. 1 Fast, Wide SCSI-2 Interface
	   d. 1 10/100MB Ethernet interface
	   e. a set of diagnostic LEDs.
	2. *Refer to section 1.4 for additional Power/Cooling Module requirements.*
	3. *The 2612A is capable of supporting the Gigaplane at speeds of up to 100-MHz..*
	4. *The 2610A/2611A are capable of supporting the Gigaplane at speeds of up to 84-MHz.*
	5. *Note that E450X/E450X-R/E450X-RR1, E550X, and E650X base packages already contain 2SBus (2612A) I/O boards which are included within the maximum quantity referenced for the resepctive systems.*			

(X)2610A	Enterprise XX00 Server SBus I/O Board with 25-MB/sec Fibre Channel	15 / 7 / 7 / 4	15 / 7 / 7 / 3	U
(X)2611A	Enterprise XX00 Server SBus I/O Board with 100-MB/sec FC-AL	15 / 7 / 7 / 4	15 / 7 / 7 / 3	U
(X)2612A	Enterprise XX00 Server SBus I/O Board with 100-MB/sec FC-AL	15 / 7 / 7 / 4	15 / 7 / 7 / 3	5
(X)2612A-SS-A	Two EXX00 SBus I/O Boards each w/ three empty SBus slots, two empty 100 MB/sec FC-AL sockets, one 10/100 MB/sec Ethernet (Twisted pair or MII) Interface, one Power/Cooling Module	7 / 3 / 3 / 2	7 / 3 / 3 / 2	5
(X)2642A-SG-A	Bundle of one EXXOO SBUS I/O Board and one Graphics I/O Board. Graphics I/O Board w/two empty SBus slots, two empty 100MB/sec FC-AL sockets, one empty UPA slot, Fast/Wide SCSI Interface, one 10/100 MB/sec Ethernet (Twisted-pair or MII) Interface. SBUS Board w/3 empty SBUS slots, two empty 100MB/Sec FC-AL sockets, one 10/100 MB/sec Ethernet (Twisted-pair or MII) Interface. One power cooling module			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	1.3.2 Enterprise XX00 Server Graphics I/O Board Options *1. Each Graphics I/O Board comes with:* 　*a. 2 SBus Slots* 　*b. 1 UPA slot (for Creator/Creator 3D Graphics Card)* 　*c. 2 unpopulated 25-MB/sec Fibre Channel Optical Module Sockets* 　　*(2620A) or 2 unpopulated 100-MB/sec FC-AL sockets (2622A)* 　*d. 1 Fast, Wide SCSI-2 Interface* 　*e. 1 10/100MB Ethernet interface* 　*f. a set of diagnostic LEDs.* *2. Refer to section 1.4 for additional Power/Cooling Module requirements.* *3. The 2622A is capable of supporting the Gigaplane at speeds of up to 100-MHz.* *4. The 2620A is capable of supporting the Gigaplane at speeds of up to 84-MHz.* *5. Note that E4502/E4502-R, E5502, E6502 base packages already contain 2SBus (2612A) I/O boards which reduces the maximum number of Graphics I/O boards that can be supported in the those respective systems by qty 2*			
(X)2620A	Enterprise XX00 Server Graphics I/O Board with 25-MB/sec Fibre Channel	4 / 4 / 4 / 4	4 / 4 / 4 / 3	U
(X)2622A	Enterprise XX00 Server Graphics I/O Board with 100-MB/sec FC-AL	15 / 7 / 7 / 4	15 / 7 / 7 / 3	5
	1.3.3 Enterprise XX00 Server PCI I/O Board Options *1. Each PCI I/O Board comes with:* 　*a. 2 PCI slots* 　*b. 1 Fast, Wide SCSI-2 Interface* 　*c. 1 10/100MB Ethernet interface* 　*d. a set of diagnostic LEDs* *2. Refer to section 1.4 for additional Power/Cooling Module requirements.* *3. The 2632A is capable of supporting the Gigaplane at speeds of up to 100-MHz.* *4. The 2630A is capable of supporting the Gigaplane at speeds of up to 84-MHz* *5. Note that E450X/E450X-R/E450X-RR1, E550X, E650X base packages already contain 2SBus (2612A) I/O boards which reduces the maximum number of PCI I/O boards that can be supported in the those respective systems by qty 1 for the E450X and E550X.*			
(X)2630A	Enterprise XX00 Server PCI I/O Board	6 / 6 / 6 / 4	6 / 6 / 6 / 3	U
(X)2632A	Enterprise XX00 Server PCI I/O Board	6 / 6 / 6 / 4	6 / 6 / 6 / 3	
(X)2632A-PP-A	Two EXX00 PCI I/O Boards. Each Board has two empty 66 Mhz short PCI slots, on-board 10/100 Mbit Fast Ethernet and Fast/Wide SCSI, two 5.0 volt riser cards pre-installed, incl. 2 additional 3.3 volt riser cards Factory installed option, One Power Cooling Module	3 / 3 / 3 / 2	3 / 3 / 3 / 2	

Table 1

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	1.3.4 Enterprise 3500 Server FC-AL Interface Board Kit 1. *Optional Board for E3500 only. Required in order to use internal disk drives. Includes FC-AL Interface Board, 2 GBIC's (6731A), one 2-meter fiber cable (973A)* 2. *Provides single loop connectivity to one disk bank (4 disk bays), a maximum of four loops (one GBIC per loop) are supported (one or two loops per bank).* 3. *In order to dual loop or add connectivity to second disk bank, you must order additional GBIC's (6731A) and cables (973A).*			
(X)2652A	Enterprise 3500 Server FC-AL Interface Board Kit	- / - / - / 1	- / - / - / -	
	1.4 Internal Power/Cooling Module Options: 1. *A 300W Modular Power/Cooling Module can supply enough power for 2 CPU or I/O boards. Any addition of boards to the base configuration requires Power/Cooling Modules to be added at the rate of 1 Power/Cooling Module per 2 boards. For an odd number of boards in the system, round up the number of Power/Cooling Modules, i.e. a 7 board system requires 4 Power/Cooling Modules* 2. *If space is available in the chassis, an additional Power/Cooling Module may be installed in a system to provide redundant power.* 3. *The E3500 requires the second Peripheral Power/Cooling Module for N+1 power when all five system slots are populated.*			
(X)954A	Power/Cooling Module, 300W	8 / 4 / 4 / 3	8 / 4 / 4 / 3	
(X)958A	2nd Peripheral Power/Cooling Module, 184 W, Enterprise 3000 only	- / - / - / -	- / - / - / 1	U
(X)9689A	2nd Peripheral Power/Cooling Module, 195 W, Enterprise 3500 only	- / - / - / 1	- / - / - / -	
	1.5 Country Kits:			
	1.5.1 Type 5 Country Kits a. *The following Type 5 Country Kits contain a keyboard, optical mouse and pad, microphone, and a localized power cord. Type 5 Country Kits may only be ordered when purchasing a system package.* b. *The Type 5 Country Kits can contain either the original Type 5 keyboard or the cost reduced Type 5c keyboard. BOTH keyboard types are supported in the Country Kits listed here.*			
X3500A	North American	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3501A	North American Universal	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3540A	UNIX	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3541A	UNIX Universal	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3502A	French	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3503A	German	1 / 1 / 1 / 1	1 / 1 / 1 / 1	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X3504A	Swiss-French	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3505A	Swiss-German	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3506A	Swedish	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3577A	Finnish	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3507A	U.K.	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3570A	Norwegian	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3571A	Portuguese	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3572A	Spanish	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3573A	Danish	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3574A	Italian	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3575A	Netherlands	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3544A	Taiwan	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3545A	Korean	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3546A	Japanese	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3542A	Japanese UNIX	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3576A	Australian	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X3579A	French-Canadian	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
	1.5.2 Power Cord Kits			
3800A	Power Cord for Data Center Cabinet, U.S. Version (NEMA L6-30P Plug)	1 / 1 / - / -	1 / 1 / - / -	
3848A	Power Cord for Data Center Cabinet, International Version (IEC 309 Plug, 32A, 250V)	1 / 1 / - / -	1 / 1 / - / -	
X311L	Power Cord Kit, U.S./Asia	1 / 1 / - / -	1 / 1 / - / -	
X312L	Power Cord Kit, Continental Europe	1 / 1 / - / -	1 / 1 / - / -	
X386L	Power Cord Kit, Australia	1 / 1 / - / -	1 / 1 / - / -	
X317L	Power Cord Kit, U.K.	1 / 1 / - / -	1 / 1 / - / -	
X314L	Power Cord Kit, Switzerland	1 / 1 / - / -	1 / 1 / - / -	
X384L	Power Cord Kit, Italy	1 / 1 / - / -	1 / 1 / - / -	
X383L	Power Cord Kit, Denmark	1 / - / - / -	1 / - / - / -	
X389L	Enterprise 4X00 Power Cord Kit, Denmark (IEC 309 Plug, 16A, 250V)	0 / 0 / 1 / 0	0 / 0 / 1 / 0	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	1.5.3 Compact 1 Country Kits *a. Compact 1 Country Kits are not supported.*			
	1.5.4 Type 4 Country Kits *a. Type 4 Country Kits are not supported.*			
	1.6 Option Packs			
	1.6.1 Server Option Packs *a. All Server Option Packs are unsupported.*			
	1.7 Accessories: Rack, Stacking, Misc.			
X955A	56-inch Data Center Expansion Cabinet for SPARCcenter 2000	As Needed	As Needed	U
X956A	56-inch Enterprise Expansion Cabinet for Enterprise X000 servers	As Needed	As Needed	U
X962A	Tower Stand for SPARCserver 1000(E)	-	-	U
X963A	Locking Module for SPARCserver 1000(E)	-	-	U
X964A	Stacker Unit for SPARCserver 1000(E)	-	-	U
X965A	Rack Mount Kit for SPARCserver 1000(E)	-	-	U
X952A	Caster Base for Enterprise 4X00 Server	- / - / 1 / -	- / - / 1 / -	
X953A	Locking Modules for Enterprise 4X00 Servers	As Needed	As Needed	
X9601A	Air Baffle for 68" Enterprise Expansion Cabinet	As Needed	As Needed	
(X)9660A	Air Baffle for 72" StorEdge Expansion Cabinet	-	-	
X9602A	Enterprise Cabinet Floor Brackets	1 / 1 / - / -	1 / 1 / - / -	
X968A	Enterprise 3X00 Floor Brackets	- / - / - / 1	- / - / - / 1	
X9610A	68-inch Enterprise Expansion Cabinet	As Needed	As Needed	U
X9620A	Second Power sequencer for 68" Enterprise Expansion rack	1 / 1 / - / -	1 / 1 / - / -	
X9621A	Rack Mount Rails for Enterprise 4X00 in 68" Enterprise Expansion rack	As Needed	As Needed	
X9659A	Rack Mount Rails for Enterprise 4X00 in 72" StorEdge Expansion rack	As Needed	As Needed	
(X)9622A	9-inch Air Baffle for StorEdge A5x00 in Enterprise 5500 and 6500 system cabinets and 68-inch Enterprise Expansion Rack	As Needed	- / - / - / -	
(X)9623A	A5000 Screen Door for Enterprise 5500 and 6500	As Needed	- / - / - / -	
X9624A	A5000 Screen Door for 68-inch Enterprise Expansion Cabinet	- / - / - / -	- / - / - / -	
(X)9625A	6-inch Air Baffle for 68-inch Enterprise Cabinet	As Needed	- / - / - / -	
(X)9626A	Mounting Bracket for Second Power Sequencer in Sun Enterprise 5500 and 6500 System Cabinets	1 / 1 / - / -	- / - / - / -	
(X)9818A	A5000 EMI screen door for 72" StorEdge Expansion Rack	As Needed	- / - / - / -	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)9819A	Fan assembly for 72" StorEdge Expansion Rack	As Needed	- / - / - / -	
(X)9630A	2-inch air baffle for rack-mounted 4500 inside E5500 and E6500 system cabinets	As Needed	- / - / - / -	
X990G	E4500 Gasket kit for 464MHz systems.	- / - / 1 / -		
X991G	E6500 Gasket kit for 464MHz systems.	1 / - / - / -		
X9633A	A5000 gasketed screen door for Enterprise 6500 System Cabinet. For 464MHz systems only.	1 / - / - / -		
	2. Internal Storage Options:			
	Internal Storage Options, general notes: a. *All systems accommodate up to two Removable Media Options* b. *Enterprise 3000 supports up to 10 single connector 3.5" SCSI hard disk drives of the 1.0" form factor or 10 drives of the 1.6" or 1.0" form factor.* c. *Enterprise 3500 supports up to 8 FC-AL drives of the 1.6" or 1.0" form factor.* d. *Only the drives listed in this section are allowed to reside internal to the Enterprise 6X00, Enterprise 4X00/5X00 and Enterprise 3X00 systems.*			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	2.1 Disk Options			
	1. *The on-board SCSI connector of the first I/O Board (slot #1) in the Enterprise 4X00 can support, in addition to the internal CD-ROM and optional tape drive, either up to 2 Disk Boards or one external device.*			
	2. *The on-board SCSI connector of the first I/O Board (slot #1) in the Enterprise 3000, 5X00 and Enterprise 6X00 supports only the internal CD-ROM and one optional tape drive. No devices can be connected using the on-board SCSI connector of the first I/O Board (in slot #1).*			
	3. *The on-board SCSI connector of the first I/O board in the E3500 can be used to support up to two StorEdge Unipacks or one StorEdgeMultipack (with 6 drives or fewer).*			
	4. *Daisy chaining other devices with the Disk Board is not supported.*			
	5. *Maximum of 2 Disk Boards can be dasiy-chained off the same SCSI Host Adapter.*			
	6. *Other external SCSI devices are not supported on the same SCSI Host Adapter with a Disk Board. This is true regardless whether the SCSI Host Adapter is on-board or on a SBus card.*			
	7. *In the Enterprise 4X00 and 5X00, Disk Board can be mounted in any slot.*			
	8. *In the Enterprise 6X00, Disk Board is supported only in slot #15 (rear) and slot #14 (front).*			
	9. *Factory-installed 2-meter SCSI Cable (902A) is used when the Disk Board and the SCSI Host Adapter are mounted on the opposite sides of the card cage.*			
	10. *In the Enterprise 4X00 and 6X00, a maximum of one 2-meter SCSI Cable (902A) per SCSI Host Adapter can be used to connect a Disk Board that is located on the oppostie side of the SCSI Host Adapter. The daisy-chained Disk Boards can be mounted on opposite sides.*			
	11. *The 2-meter SCSI Cable (902A) cannot be used in the Enterprise 5X00 because the cable route is too long to reach from one side to the other.*			
	12. *The 80 cm SCSI Cable (included in the 516XA) can be used to daisy-chain if the Disk Boards are mounted on the same side in the Enterprise 4X00 or 5X00.*			
	13. *The 80 cm SCSI Cable (included in the 516XA) is long enough to connect a Disk Board in the Enterprise 6X00 slot #15 to a SCSI Host Adapter anywhere in the rear.*			
(X)5161A	4.2-Gbyte Disk Board w/2 x 2.1-Gbyte Fast/WideSCSI Disks	2 / 4 / 4 / 0	2 / 4 / 4 / 0	U
(X)5162A	8.4-Gbyte Disk Board w/2 x 4.2-Gbyte Fast/WideSCSI Disks	2 / 4 / 4 / 0	2 / 4 / 4 / 0	U
(X)5163A	18.2-Gbyte Disk Board w/2 x 9.1-Gbyte Fast/WideSCSI Disks	2 / 4 / 4 / 0	2 / 4 / 4 / 0	
(X)5164A	36.4-Gbyte Disk Board w/2 x 18.2-Gbyte Fast/WideSCSI Disks	2 / 4 / 4 / 0	2 / 4 / 4 / 0	
(X)5153A	2.1-Gbyte Internal SCSI Disk, 1", 7200RPM, single connector	- / - / - / -	- / - / - / 10	U
(X)5225A	4.2-Gbyte Internal SCSI Disk, 1.6", 5400RPM single connector	- / - / - / -	- / - / - / 10	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)5214A	4.2-Gbyte 7200RPM, SCSI Disk	- / - / - / -	- / - / - / 10	U
(X)5229A	9.1-Gbyte 7200RPM, SCSI Disk	- / - / - / -	- / - / - / 10	
(X)5232A	18.2-Gbyte 7200RPM, SCSI Disk	- / - / - / -	- / - / - / 10	U
(X)5233A	Internal, 18.2-GB/7200-rpm, 1.6-inch high, UltraSCSI disk drive with barrier plate for Sun StorEdge A1000, D1000, or A3500 (8-slot chassis) disk array system			U
(X)5235A	9.1-GB, 10000-rpm disk for Sun StorEdge Array A1000, D1000, and A3500			
(X)5251A	9.1-Gbyte 7200RPM, SCSI Disk	- / - / - / -	- / - / - / 10	U
(X)5238A	18.2-GB/10000-rpm disk for Sun StorEdge Array A1000, D1000, and A3500			
(X)5240A				
(X)6709A	9.1-Gbyte 7200RPM FC-AL Disk	- / - / - / 8	- / - / - / -	U
(X)6710A	9.1-Gbyte 10000RPM, low-profile FC-AL Disk	- / - / - / 8	- / - / - / -	
(X)6711A	18.2-Gbyte 7200RPM FC-AL Disk	- / - / - / 8	- / - / - / -	
(X)6720A	18.2-Gbyte 10000RPM FC-AL Disk	- / - / - / 8	- / - / - / -	
(X)6722A	18.2-GB, 7200-rpm half height (1.6-inch) FC-AL disk drive	- / - / - / 8	- / - / - / -	U
(X)6724A	36.4-GB 10000 RPM FCAL hot swap disk drive, 1" high	- / - / - / 8	- / - / - / -	
(X)6728A	FC-AL hot swap 18.2GB 10K-rpm 1" disk drive	- / - / - / 8	- / - / - / -	
	2.2 SCSI Removable Media Options, General Notes: **2.2.1 CD-ROM Drive Options, Specific Notes:** *a. All Enterprise XX00 Server Base Packages include one SunCD*			
-	SunCD4 Internal Drive (4x speed)	- / - / - / -	1 / 1 / 1 / 1	U
-	SunCD12 Internal Drive (12x speed)	- / - / - / -	1 / 1 / 1 / 1	
-	SunCD32 Internal Drive (32x speed)	1 / 1 / 1 / 1	- / - / - / -	
(X)6168A	10X DVD-ROM drive	1 / 1 / 1 / 1	- / - / - / -	
	2.2.2 Tape Drive Options, Specific Notes: *a. All Enterprise X000 Servers support 1 internal tape drive.*			
(X)6234A	20-40 GB 8mm internal Tape Drive for the E3000 w/cable	- / - / - / -	- / - / - / 1	
(X)6235A	20-40 GB 8mm internal Tape Drive for the E4000 w/cable	- / - / - / -	- / - / 1 / -	
(X)6238A	20-40 GB 8mm internal Tape Drive for the EX500 w/cable	1 / 1 / 1 / 1	- / - / - / -	
(X)6283A	12-24 GB 4-mm DDS-3 Internal drive for the EX000 Servers	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
(X)6206A	Internal 14-Gbyte 8mm Tape Drive for E5X00/6X00 Servers	1 / 1 / - / -	1 / 1 / - / -	U
(X)6213A	Internal 14-Gbyte 8mm Tape Drive for E3X00/4X00 Servers	- / - / 1 / 1	- / - / 1 / 1	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)6104A	Internal 2.5GB QIC Tape Drive for EXX00 Servers	1 / 1 / 1 / 1	1 / 1 / 1 / 1	U
(X)6259A	Internal 4mm 4-8 Gbyte DDS2 Tape Drive for EXX00 Servers	1 / 1 / 1 / 1	1 / 1 / 1 / 1	U
(X)6296A	20GB 4mm DDS-4 internal tape for Wide SCSI interface	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
	2.2.3 Floppy Drive Options: *a. Enterprise XX00 Servers do not support Floppy Drives.*			
X556A	3.5-inch 1.44-Mbyte Floppy Drive (Triple Density)	-	-	
	3. Internal Expansion Options:			
	3.1 SBus Options, general notes: *a. The SBus I/O Board has 3 SBus expansion slots on two separate Sbuses. They are organized as 2 slots on one SBus, plus 1 slot on a separate SBus.* *b. The Graphics I/O Board has 2 SBus slots on a single SBus.* *c. The SBus in Enterprise XX00 Server is compliant with IEEE 1496 and clocked at 25MHz.* *d. All slots can accept either a bus master or bus slave type of option and supports extended transfer mode (64b data path).* *e. Enterprise 6X00 configurations may be limited beyond 30 SBus options. This limit depends on the exact mix of SBus options.*			
	3.1.1 Graphics Options, general notes: *a. The maximum quantity of 4 Frame Buffers was determined by the Enterprise XX00 Product Team based on customer requirements. Future changes to these values must be given careful consideration and visibility within the SMCC SSQA organization.* **Graphics Options, specific notes:** *1. All Enterprise XX00 Server systems are generally limited to a maximum of 4 Frame Buffers (there are exceptions). Quantity of Creator/Creator 3D in Enterprise 3000 is limited by maximum number of Graphics I/O Boards.* *2. 24-inch wide screen color monitor requires X3657A Creator3D series 2 option or 3671A Creator 3D Series 3 option.*			
(X)7109A	17-inch Entry Color Monitor, TurboGX Frame Buffer, and extended Cable	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X367A	20-inch Color Monitor, TurboGXplus Frame Buffer, and Cable	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X7111A	17-inch Entry Color Monitor, TurboGX Frame Buffer, and extended Cable	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X322A	17-inch Premium Color Monitor, TurboGX Frame Buffer, and Cable	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
(X)359A	20-inch Color Monitor, TurboGX Frame Buffer, and Cable	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
(X)3651A	20-inch Color Monitor, Creator Graphics Board, extended Cable	4 / 4 / 4 / 3	4 / 4 / 4 / 3	1

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)3652A	20-inch Color Monitor, Creator3D Graphics Board, extended Cable	4 / 4 / 4 / 3	4 / 4 / 4 / 3	1
X356A	16-inch Color Monitor, GX Frame Buffer, and Cable (LegoSC version)	-	-	
X357A	19-inch Color Monitor, GX Frame Buffer, and Cable (LegoSC version)	-	-	
X355A	19-inch Color Monitor, GX Frame Buffer, and 4.6M Cable (LegoSC version)	-	-	
X361A	15-inch Color Monitor	-	-	
X245A	16-inch Color Monitor	-	-	
X250A	16-inch Mid-range Color Monitor	-	-	
X265A	20-inch Grayscale Monitor	-	-	
X267A	20-inch Premium Color Monitor	-	-	
X268A	17-inch Premium Color Monitor	-	-	
X362A	16-inch Mid-Range Color Monitor, TurboGX Frame Buffer, and Cable	-	-	
X363A	16-inch Color Monitor, TurboGX Frame Buffer, and Cable	-	-	
X366A	19-inch Color Monitor, GXplus Frame Buffer, and Cable	-	-	
X1094A	ZX Frame Buffer	-	-	
X1096A	ZX2 Frame Buffer	-	-	
X218A	VideoPix^{TM} Image Capture Board	-	-	
X252	19-inch High Resolution (1600 x 1280) Monochrome Monitor, MG1 Frame Buffer, and Cable	-	-	
X364	17-inch Grayscale Monitor, Frame Buffer (MG2) and Cable	-	-	
X342A	16-inch Color Monitor, CG3 Frame Buffer, and Cable	-	-	
X344A	19-inch Color Monitor, CG3 Frame Buffer, and Cable	-	-	
	19-inch Color Monitor, TC Frame Buffer, and Cable	-	-	
X356	16-inch Color Monitor, GX Frame Buffer, and Cable (LegoA version)	-	-	
X357	19-inch Color Monitor, GX Frame Buffer, and Cable (LegoA version)	-	-	
X355A	16-inch Color Monitor, GX Frame Buffer, and Cable (LegoB/C version)	-	-	
X357	19-inch Color Monitor, GX Frame Buffer, and Cable (LegoB/C version)	-	-	
GS	24-bit 3-D Solids Graphics Accelerator	-	-	
GT	24-bit 3-D Solids Accelerated Graphics Tower	-	-	
X345A	4-Mbyte SX Frame Buffer, 20-inch Color Monitor, Auxiliary Video Connection Card, and Cable	-	-	
X346A	8-Mbyte SX Frame Buffer, 20-inch Color Monitor, Auxiliary Video Connection Card, and Cable	-	-	
X7103A	17-inch Entry Color monitor	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X7126A	17-inch Entry Color monitor	8 / 4 / 4 / 4	8 / 4 / 4 / 3	
X7119A	19-inch Color monitor	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X7121A	21-inch Color monitor	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X7124A	24-inch Wide Screen Color monitor	8 / 4 / 4 / 4	8 / 4 / 4 / 3	2
X7127A	18.1-inch TFT LCD Color Monitor	8 / 4 / 4 / 4	8 / 4 / 4 / 3	
X7135A	19-inch Color Monitor	8 / 4 / 4 / 4	8 / 4 / 4 / 3	
X7136A	21-inch Color Monitor	8 / 4 / 4 / 4	8 / 4 / 4 / 3	
7110A	TurboGX 8-bit color graphics card	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
3655A	TurboGXplus 8-bit color graphics card	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X3668A	PGX32 Color Frame Buffer	8 / 8 / 8 / 4	8 / 8 / 8 / 3	
3653A	Creator, series 1, 24-bit Color Frame Buffer	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
3657A	Creator3D, series 2, 24-bit Color Frame Buffer	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
3671A	Creator3D, series 3, 24-bit Color Frame Buffer	8 / 4 / 4 / 3	8 / 4 / 4 / 3	
3667A	Elite3D m6, 24-bit Color Double-Buffered Graphics Accelerator Frame Buffer	8 / 4 / 4 / 3	8 / 4 / 4 / 3	
(X)3768A	PGX64 24-bit Color Frame Buffer, Software on CD, Video adapter cable Solaris 2.5.1, 2.6, 7 & Solaris 8 (PCI systems only)	8 / 8 / 8 / 4	8 / 8 / 8 / 4	
	Monitor Power Cords: *1. Power Cord to connect the monitor to the unswitched outlet on the Power Supply of desktop workstations.*			
X907A	Monitor Power Cord, 1.5	-	-	
X908A	Monitor Power Cord, 2.5m	-	-	
	3.1.2 Evans & Sutherland Graphics Accelerators: *1. The E&S Freedom requires the newer single width adapter card for the 25MHz SBus.*			
ES-1100-02	Evans&Sutherland Freedom 1100 Series, with 1-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-1100-10	Evans&Sutherland Freedom 1100 Series, with 4-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-1100-40	Evans&Sutherland Freedom 1100 Series, with 16-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3150-02	Evans&Sutherland Freedom 3150 Series, with 1-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3150-10	Evans&Sutherland Freedom 3150 Series, with 4-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3150-40	Evans&Sutherland Freedom 3150 Series, with 16-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3200-02	Evans&Sutherland Freedom 3200 Series, with 1-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3200-10	Evans&Sutherland Freedom 3200 Series, with 4-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3200-40	Evans&Sutherland Freedom 3200 Series, with 16-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
ES-3250-02	Evans&Sutherland Freedom 3250 Series, with 1-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3250-10	Evans&Sutherland Freedom 3250 Series, with 4-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3250-40	Evans&Sutherland Freedom 3250 Series, with 16-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3300-02	Evans&Sutherland Freedom 3300 Series, with 1-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3300-10	Evans&Sutherland Freedom 3300 Series, with 4-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
ES-3300-40	Evans&Sutherland Freedom 3300 Series, with 16-Mbyte memory	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,U,1
	3.1.3 Networking Controllers, general notes: *a. Combined Ethernet/SCSI controllers are listed in the "SCSI controllers" section.*			
	Networking Controllers, specific notes: *1. HSI/S uses one patch panel with four connections. A maximum of one T1 link per HSI is supported.* *2. There exists a newer release of this product under a different Marketing Part Number* *3. The MII connector is a standard IEEE 802.3 connector present on Enterprise XX00 Server I/O Boards. MII transceivers are required to use this interface. AUI transceivers are available through SunExpress. Fibre and UTP transceivers are available through 3rd party companies.* *4. A total of 20 Ethernet connections are supported, utilizing any combination of supported Ethernet Adapters.* *5. A total of 15 FDDI connections are supported, including any mix of supported revisions, media types, transfer rates, etc.* *6. A total of 15 ATM-155 connections are supported, including any mix of supported revisions, media types, transfer rates, etc. Only one ATM-155 is supported per SBus I/O Board.* *7. A total of 8 ATM-622 connections are supported, including any mix of supported revisions, media types, transfer rates, etc. Only one Dual Wide ATM-622 can be installed per Sbus I/O Board.* *8. ATM-155 and ATM-622 cannot be combined in the same system.* *9. The Sun Enterprise(tm) 3X00-6X00 supports a maximum of 1 connection-per PCI board and a maximum quantity of 4 connections per system.* *10. The Sun Enterprise(tm) Systems Interface can only be used in PCI slot 1 on the Sun Enterprise(tm) 3X00-6X00.* *11. Does not support GigaSwift UTP Adapter and option (X)1080A Sun Enterprise System Interface Card configured on a single 2632A PCI I/O board. If needed, these cards must be configured on separate 2632A I/O boards within the system.* *12. Shielded twisted pair Ethernet cable required.*			
X1003A	FDDI Single Attach SBus Interface Adapter	-	-	U,2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X1005A	FDDI Single-Attach SBus Interface Card (FDDI/S)	-	-	U,2
X1015A	FDDI Single Attach SBus Interface (FDDI/S 3.0 single)	15 / 15 / 15 / 9	15 / 15 / 15 / 9	R,U,5
X1016A	FDDI Dual Attach SBus Interface (FDDI/S 3.0 dual)	15 / 5 / 5 / 3	15 / 5 / 5 / 3	R,U,5
X1023A	SunFDDI Single-Attach SBus Adapter (SAS) 4.0	15 / 15 / 15 / 9	15 / 15 / 15 / 9	R,5, U
X1024A	SunFDDI Dual-Attach SBus Adapter (DAS) 4.0	15 / 5 / 5 / 3	15 / 5 / 5 / 3	R,5, U
(X)1025A	SunFDDI Single-Attach SBus Adapter (SAS) 5.0	15 / 8 / 8 / 4	15 / 8 / 8 / 4	U,R,5
(X)1026A	SunFDDI Dual-Attach SBus Adapter (DAS) 5.0	15 / 8 / 8 / 4	15 / 8 / 8 / 4	U,R,5
(X)1142A	SunFDDI Single-Attach SBus Adapter (SAS) 6.0	15 / 8 / 8 / 4	15 / 8 / 8 / 4	R,5
(X)1143A	SunFDDI Dual-Attach SBus Adapter (DAS) 6.0	15 / 8 / 8 / 4	15 / 8 / 8 / 4	R,5
X1050A	SunATM-155/M Fiber Adapter	15 / 7 / 7 / 3	15 / 7 / 7 / 3	U,R,6,8
X1051A	SunATM-155/M UTP Adapter	15 / 7 / 7 / 3	15 / 7 / 7 / 3	U,R,6,8
X1060A	SunATM-155/MFiber SBus Adapter 2.X	15 / 7 / 7 / 3	15 / 7 / 7 / 3	U,R,6,8
X1061A	SunATM-155/UTP5 SBus Adapter 2.X	15 / 7 / 7 / 3	15 / 7 / 7 / 3	U,R,6,8
X1064A	SunATM-622/M Fiber Adapter, Dual Wide 2.X	2 / 2 / 2 / 2	2 / 2 / 2 / 2	U,R,7,8
X1147A	SunATM-155/MFiber SBus Adapter 4.0	15 / 8 / 8 / 4	15 / 8 / 8 / 4	R,6
X1148A	SunATM-155/UTP5 SBus Adapter 4.0	15 / 8 / 8 / 4	15 / 8 / 8 / 4	R,6
X1149A	SunATM-622/M Fiber Adapter, 4.0	2 / 2 / 2 / 2	2 / 2 / 2 / 2	R,7
X1056A	SunFastEthernet Adapter	15 / 7 / 7 / 3	15 / 7 / 7 / 3	U,R,4
(X)1059A	SunFastEthernet Adapter 2.0 (Colossus Lite)	10 / 10 / 10 / 6	10 / 10 / 10 / 6	R,4
X1042A	Quad Fast Ethernet SBus Card	2 / 2 / 2 / 2	2 / 2 / 2 / 2	U,R,4
X1049A	Quad Fast Ethernet 2.0 SBus Card	4 / 4 / 4 / 4	4 / 4 / 4 / 4	R,4
(X)1058A	SBus Quad Ethernet Controller (QEC/S) (Twisted Pair)	8 / 8 / 8 / 8	8 / 8 / 8 / 8	U,R,4
X1045A	Gigabit Ethernet SBus Card	2 / 2 / 2 / 2	2 / 2 / 2 / 2	U,R,4
X1140A	Gigabit Ethernet 2.0 SBus Card	4 / 4 / 4 / 4	4 / 4 / 4 / 4	4
X1012A	SunLink ISDN	5 / 5 / 5 / 5	5 / 5 / 5 / 5	U,R
X1004A	Token Ring Interface/SBus	-	-	2
X1014A	Token Ring Interface/SBus (TRI/S)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R
X2144A	Token Ring Interface/SBus	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1009A	High-Speed Serial Interface/SBus	-	-	U,2
X1019A	High Speed Serial Interface/SBus (HSI/S)	16 / 12 / 12 / 8	16 / 12 / 12 / 8	U,R,2
X1145A	High Speed Serial Interface/SBus (HSI/S)	16 / 12 / 12 / 8	16 / 12 / 12 / 8	R

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)1008A	Serial Parallel Controller (SPC/S)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
(X)1146A	Serial Parallel Controller (SPC/S)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X450W	Second Ethernet Controller (AUI and Thin)	-	-	
X453A	SBus Ethernet Controller (AUI and Thin)	-	-	
	3.1.4 SCSI Controllers: *1. 50-pin SCSI connector* *2. 68-pin SCSI connector*			
X1052A	SBus Fast Differential SCSI-2/Buffered Ethernet Card (DSBE/S)	36 / 21 / 21 / 9	36 / 21 / 21 / 9	U
X1053A	SBus Fast SCSI-2/Buffered Ethernet Card (FSBE/S)	15 / 15 / 15 / 9	15 / 15 / 15 / 9	U,1
(X)1062A	SBus Differential/Fast/Wide Intelligent SCSI-2 Host Adapter (DWIS/S)	36 / 21 / 21 / 9	36 / 21 / 21 / 9	2
(X)1063A	SBus Single-ended/Fast/Wide Intelligent SCSI-2 Host Adapter (SWIS/S)	15 / 15 / 15 / 9	15 / 15 / 15 / 9	2
(X)1065A	SBus Ultra Differential Fast/Wide Intelligent SCSI Host Adapter (UDWIS/S)	36 / 21 / 21 / 9	36 / 21 / 21 / 9	
(X)1018A	SunSwift SBus Adapter, 10/100Mbps Ethernet and FW SCSI-2	10/10/10/6	10/10/10/6	2
X1055A	SBus SCSI Host Adapter (SSHA)	-	-	
X1054A	SCSI/Buffered Ethernet Card (SBE/S)	-	-	
	3.1.5 Fibre Channel Interfaces: *1. Two optical modules are supported per Fibre Channel SBus Card (SOCHA). In addition, up to two Optical Modules are supported per I/O Board..* *2. Fibre Channel SBus Cards include one optical module as shipped.* *3. I/O Boards are shipped without optical modules, which must be ordered separately.* *4. A total of 30 SOC (SBus + onboard) are supported in the Enterprise 6000.* *5. A maximum of two GBIC's are supported per SBus FC-AL Host Adapter, and SBus Graphics and I/O Boards.* *6. SBus FC-AL Host Adapter includes one GBIC module. I/O Boards do not include any GBIC's unless ordered separately.* *7. Only 1 PCI Dual FC Network Adapter can be used per PCI I/O Board in the Sun EXX00 servers. If you are using a PCI Dual FC Network Adapter, you can use any other PCI card in the PCI board, except the ESCON card (1080A) or another PCI Dual FC Network. You may not combine a PCI Dual FC Network Adapter and an ESCON card (1080A) on the same PCI I/O Board.* *8. The PCI Dual FC Network Adapter must always go in Slot 0 on the PCI I/O Board.*			
(X)1057A	SBus Fibre Channel Card (SOCHA)	30 / 21 / 21 / 9	30 / 21 / 21 / 9	2,4
(X)595A	25 MByte/sec Fibre Channel Optical Module	60 / 28 / 28 / 12	60 / 28 / 28 / 12	1,2,3

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)6727A	PCI Dual FC Network Adapter with internal FC interface. 100MB/s per channel with optical interface.	6 / 6 / 6 / 3	6 / 6 / 6 / 3	**7, 8**
(X)6730A	100 MByte/sec SBus FC-AL Host Adapter	18 / 12 / 12 / 6	18 / 12 / 12 / 6	**5,6**
(X)6731A	100 MByte/sec FC-AL GBIC Module	As Needed	As Needed	**5,6**
(X)6799A	PCI Single FC Network Adapter 100MB/s with optical interface	12 / 8 / 8 / 6	12 / 8 / 8 / 6	
	3.1.6 Other Devices:			
X1030A	PCMCIA Interface/SBus Card	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X1085A	SunVideo Board	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X487A	SunVideo Board(X1085A), Camera(X485A), CDware CD	1 / 1 / 1 / 1	1 / 1 / 1 / 1	U
X1072A	SES/C Expansion Box	-	-	
X1021A	Sun SBus Prestoserve^{TM} (Prestoserve/S)	-	-	
X1130A	SBus SPARCprinter Card	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X1120A	SunPC^{TM} Accelerator SX	-	-	
X1121A	SunPC^{TM} Accelerator DX	-	-	
X1126A	SunPC^{TM} Accelerator SX and SunPC Software for Solaris 2.x	-	-	
X1127A	SunPC^{TM} Accelerator DX and SunPC Software for Solaris 2.x	-	-	
(X)1099A	SBus filler panel	-	-	
	3.2 PCI Options			
X1032A	SunSwift 10/100 Mbit Ethernet, F/W UltraSCSI PCI	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1033A	10/100BaseT FastEthernet PCI Adapter 2.0 w/MII	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1034A	Quad FastEthernet PCI Card	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
X1035A	Sun FDDI/P - SAS Adapter 1.0	8 / 8 / 8 / 4	8 / 8 / 8 / 4	U
X1152A	Sun FDDI/P - SAS Adapter 2.0	8 / 8 / 8 / 4	8 / 8 / 8 / 4	
X1153A	Sun FDDI/P - DAS Adapter 1.0	8 / 8 / 8 / 4	8 / 8 / 8 / 4	U
X1036A	Sun FDDI/P - DAS Adapter 2.0	8 / 8 / 8 / 4	8 / 8 / 8 / 4	
X1039A	Token Ring Interface PCI Bus Adapter 1.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X1154A	Token Ring Interface PCI Bus Adapter 2.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X2154A	Token Ring Interface PCI Bus Adapter 5.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1040A	Sun High Speed Serial Interface/PCI 1.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X1155A	Sun High Speed Serial Interface/PCI 2.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1041A	Serial Asynchronous Interface PCI Bus Adapter 1.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X1156A	Serial Asynchronous Interface PCI Bus Adapter 2.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X2156A	Serial Asynchronous Interface PCI Bus Adapter 3.0	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1044A	Sun Gigabit Ethernet Network Interface Card	2 / 2 / 2 / 2	2 / 2 / 2 / 2	U
X1141A	Sun Gigabit Ethernet 2.0 Network Interface Card	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1066A	SunATM/P-155MMF 3.0 PCI Bus Adapter	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,8
X1157A	SunATM/P-155MMF 4.0 PCI Bus Adapter	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1067A	SunATM/P-155UTP 3.0 PCI Bus Adapter	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,8
X1158A	SunATM/P-155UTP 4.0 PCI Bus Adapter	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1068A	SunATM/P-622MMF 3.0 PCI Bus Adapter	3 / 3 / 3 / 3	3 / 3 / 3 / 3	U,8
X1159A	SunATM/P-622MMF 4.0 PCI Bus Adapter	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1070A	HIPPI/P 1.0 NIC Card High Performance Parallel Interface	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
X1071A	HIPPI/P 1.1 NIC Card High Performance Parallel Interface	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
X1133A	PCI SSL Accelerator Card 200 Ops/Sec per board Solaris 2.6, 7, & 8 support	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
(X)1080A	Sun Enterprise(TM) Systems Interface 1.0 Host-to-Server PCI Interface	4 / 4 / 4 / 4	4 / 4 / 4 / 4	9, 10
(X)1150A	Gigabit Ethernet Network Interface Card for high-performance Cat 5 UTP and-PCI applications with full IEEE 802.3 compliance.	2 / 2 / 2 / 2	2 / 2 / 2 / 2	11, 12
	3.3 Other Options: 1. *SunISDN SBus card required to provide audio interface* 2. *The MII connector is a standard IEEE 802.3 connector present on Enterprise XX00 Server I/O Boards. MII transceivers are required to use this interface.*			
X440A	PCMCIA Type II Modem Card, U.S.: Supports Data, Voice, Group III Fax with bundled software	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X443A	PCMCIA Type II Modem Card, Germany: Supports Data, Voice, Group III Fax with bundled software	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X447A	PCMCIA Type II Modem Card, UK: Supports Data, Voice, Group III Fax with bundled software	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X448A	PCMCIA Type II Modem Card, Japan: Supports Data, Voice, Group III Fax with bundled software	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
X467A	MII Adapter - AUI	15 / 7 / 7 / 3	15 / 7 / 7 / 3	2
973A	2-meter Fibre Optic Cable	-	-	
X975A	IBM®-compatible Parallel Port Adapter Cable	-	-	
X976A	Centronics-compatible Parallel Port Adapter Cable	-	-	
X985A	Serial Port Splitter Cable	-	-	
X981A	AUI Adapter Cable	-	-	
X987A	Audio/AUI Adapter Cable	-	-	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X491A	SpeakerBox	1 / 1 / 1 / 1	1 / 1 / 1 / 1	R,1
	4. External Expansion Options, Mass Storage:			
	4.1 Enterprise Expansion Cabinets: 1. *Two Expansion Cabinets may contain tape options. These Cabinets must be the adjoining left and/or right Expansion Cabinets to the System Cabinet so that the single-ended 4.0-meter SCSI cables can be connected between the FSBE/S card and the tape option enclosure.* 2. *Expansion Cabinet Notes:* a. *Tape options must all reside in the upper half of the cabinet and load from the top down.* b. *Disk options must reside below the tape options and load from the bottom up.* c. *Expansion Cabinet configurations are built using the X956A or X9610A option as a base package and adding the appropriate options.*			
X955A	SPARCcenter 2000E Expansion Cabinet	As Required	As Required	U
X956A	56-inch Enterprise Expansion Cabinet	As Required	As Required	U
X9610A	68-inch Enterprise Expansion Cabinet	As Required	As Required	U
	4.2 Disk Storage Subsystems			
	4.2.1 StorEdge A1000 (Dilbert): 1. *The maximum cable length for A1000 is 25 meters .* 2. *Requires SBus or PCI UltraSCSI host adapter (i.e. UDWIS).* 3. *Two A1000 may be daisy chained to achieve max supported qty. This table reflects 2x the number of PCI and SBus slots available assumming homogenous use of card cages.* 4. *Maximum quantities refer to maximum number of arrays that can be attached externally to Sun Enterprise E3x00-E6x00 servers.*			
SG-XARY122A-16G	16-GB Sun StorEdge A1000 Tabletop (4 x 4.2 GB, 10,000 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY122A-50G	50-GB Sun StorEdge A1000 Tabletop (12 x 4.2 GB, 10,000 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY131A-16G	16-GB Sun StorEdge A1000 rack-mountable (4 x 4-GB, 10000-rpm) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY133A-36G	36-GB Sun StorEdge A1000 rack-mountable (4 x 9.1-GB, 7200-rpm) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers _(Continued)_

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XARY124A-36G	36-GB Sun StorEdge A1000 Tabletop (4 x 9.1 GB, 7,200 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY124A-109G	109-GB Sun StorEdge A1000 Tabletop (12 x 9.1GB, 7,200 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY126A-72G	72-GB Sun StorEdge A1000 Tabletop (4 x 18 GB, 7,200 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-(X)ARY135A-72G	72-GB Sun StorEdge A1000 rack mount (4 x 18.2 GB, 7200 rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY126A-144G	144-GB Sun StorEdge A1000 Tabletop (8 x 18GB, 7,200 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY144A-36G	36-GB Sun StorEdge A1000 Tabletop (4 x 9.1 GB, 10,000 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY144A-109G	109-GB Sun StorEdge A1000 Tabletop (12 x 9.1GB, 10,000 RPM) with hardware RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY146A-36G	36-GB Sun StorEdge A1000 Rack-mountable (4 x 9.1-GB, 10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	4
SG-XARY151A-72G	72-GB Sun StorEdge A1000 Tabletop (4x18.2GB, 10000rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY152A-72G	72-GB Sun StorEdge A1000 Rackmount (4x18.2GB, 10000rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	4
SG-XARY151A-218G	218-GB Sun StorEdge A1000 Tabletop (12x18.2GB, 10000rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY161A-145G	145-GB Sun StorEdge A1000 tabletop (4 x 36.4-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY162A-145G	145-GB Sun StorEdge A1000 rack mount (4 x 36.4-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XARY161A-291G	291-GB Sun StorEdge A1000 tabletop (8 x 36.4-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY170A-436G	436-GB (12 x 36.4-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop or Deskside w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports and 2 power supplies. RAID Manager v 6.22. (Standard Configuration)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY171A-436G	436-GB (12 x 36.4-Gbyte 10K RPM disks) Sun StorEdge A1000 rackmount-able w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, and rack mount rails, and 2 power supplies. RAID Manager v 6.22. (Standard Configuration)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY150A-218G	218-Gbyte (12 x 18-Gbyte 10, 000 RPM disks) Sun StorEdge A1000 Tabletop or Deskside w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, RAID Manager v 6.22	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY155A-218G	218-Gbyte (12 x 18-Gbyte 10, 000 RPM disks) Sun StorEdge A1000 Rack-mountable w/ 1 HW RAID Controller, 24MB std.cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, RAID Manager v 6.22	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY150A-72G	72-Gbyte (4 x 18-Gbyte 10, 000 RPM disks) Sun StorEdge A1000 Tabletop or Deskside w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan-trays (4fans), 2 Differential UltraSCSI to host ports, RAID Manager v 6.22	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY155A-72G	72-Gbyte (4 x 18-Gbyte 10, 000 RPM disks) Sun StorEdge A1000 rackmount-able w/ 1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY155A-72GR5	72-Gbyte (4 x 18-Gbyte 10, 000 RPM disks) Sun StorEdge A1000 w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Dif-ferential UltraSCSI to host ports, RAID Manager v 6.22. For installation in Sun StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY170A-145G	145-GB (4 x 36.4-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop or Deskside w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports and 2 power supplies. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY171A-145G	145-GB (4 x 36.4-Gbyte 10K RPM disks) Sun StorEdge A1000 rackmountable w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, and rack mount rails, and 2 power supplies. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY171A-145GR5	145-GB (4 x 36.4-Gbyte 10K RPM disks) Sun StorEdge A1000 w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports and 2 power supplies. RAID Manager v 6.22. For installation in Sun StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-ARY155A-218GR5	218-Gbyte (12 x 18-Gbyte 10, 000 RPM disks) Sun StorEdge A1000 Rack-mount w/1 HW RAID Controller, 24MB std.cache, 2 Power supplies, 2 fan-trays (4fans), 2 Differential UltraSCSI to host ports, RAID Manager v 6.22. For installation in Sun StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY171A-436GR5	436-GB (12 x 36.4-Gbyte 10K RPM disks) Sun StorEdge A1000 w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, and rack mount rails, and 2 power supplies. RAID Manager v 6.22. For installation in Sun StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY155A-72R4	72-GB (4 x 18 Gbytes 10, 000 RPM disks) Pre-tested Sun StorEdge A1000 rackmountable w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY171A-145R4	145-GB (4 x 36.4 Gbytes 10, 000 RPM disks) Pre-tested Sun StorEdge A1000 rackmountable w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY155A-218R4	218-Gbyte (12 x 18 Gbytes 10, 000 RPM disks) Pre-tested Sun StorEdge A1000 rackmountable w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY171A-436R4	436-GB (12 x 36.4 Gbytes 10, 000 RPM disks) Pre-tested Sun StorEdge A1000 rackmountable w/ 1 HW RAID controller, 24MB std cache, 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails. RAID Manager v 6.22.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
NS-XARY171A-145GAC	Telcom storage array for telco/ISP with hardware RAID controller, UltraSCSI differential to host, 4x36GB, 10Krpm drives, redundant AC power, redundant fans, hot-swap drives, power, fans, rack-mount ready, 4ux19"x21" Same software as StorEdge A1000. Standard configuration.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
NS-XARY171A-145GDC	Telcom storage array for telco/ISP with hardware RAID controller, UltraSCSI differential to host, 4x36GB, 10Krpm drives, redundant DC power, redundant fans, hot-swap drives, power, fans, rack-mount ready, 4ux19"x21" Same sofware as StorEdge A1000	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
X5244A	NEBS certifiable disk, Netra Internal 36.4-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high w/ barrier plate. NEBS level 3 certified with Netra storage			
X7040A	Sun StorEdge A1000 add-on cache, 64 MB	As Required	As Required	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.2.2 StorEdge D1000 (Dilbert): 1. *The maximum cable length for D1000 is 25 meters .* 2. *Requires SBus or PCI UltraSCSI host adapter (i.e. UDWIS).* 3. *Two D1000's may be daisy chained to achieve max supported qty.* 4. *Remove the X and append "R4" to the order number (i.e. SG-ARY136A-72GR4) for factory installation in an Enterprise 5500/6500 cabinet.* 5. *Maximum quantities refer to maximum number of arrays that can be attached externally to Sun Enterprise E3x00-E6x00 servers.*			
SG-XARY132A-16G	16-GB Sun StorEdge D1000 Rackmountable (4 x 4.2 GB, 10,000 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY123A-16G	16-GB Sun StorEdge D1000 Tabletop (4x 4.2 GB, 10,000 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY123A-50G	50-GB Sun StorEdge D1000 Tabletop (12 x 4.2 GB, 10,000 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY134A-36G	36-GB Sun StorEdge D1000 Rackmountable (4 x 9.1GB, 7,200 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY125A-36G	36-GB Sun StorEdge D1000 Tabletop (4 x 9.1 GB, 7,200 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY125A-109G	109-GB Sun StorEdge D1000 Tabletop (12 x 9.1 GB, 7,200 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY136A-72G	72-GB Sun StorEdge D1000 Rackmountable (4 x 18.2GB, 7,200 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY127A-72G	72-GB Sun StorEdge D1000 Tabletop (4 x 18.2 GB, 7,200 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY127A-144G	144-GB Sun StorEdge D1000 Tabletop (8 x 18.2 GB, 7,200 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	U
SG-XARY145A-36G	36-GB Sun StorEdge D1000 Tabletop (4x 9.1GB, 10,000 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY145A-109G	109-GB Sun StorEdge D1000 Tabletop (12 x 9.1 GB, 10,000 RPM) with host-based RAID	18 / 18 / 18 / 9	18 / 18 / 18 / 9	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-(X)ARY147A-36G	36-GB Sun StorEdge D1000 Rack-mountable (4 x 9.1-GB, 10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	**4**
SG-XARY153A-72G	72-GB Sun StorEdge D1000 Tabletop (4x18.2GB, 10000rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-(X)ARY154A-72G	72-GB Sun StorEdge D1000 rack mount (4 x 18-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	**4**
SG-XARY145A-109G	109-GB Sun StorEdge D1000 tabletop (12 x 9.1-GB, 10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY163A-145G	145-GB Sun StorEdge D1000 tabletop (4 x 36.4-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-(X)ARY164A-145G	145-GB Sun StorEdge D1000 rack mount (4 x 36.4-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	**4**
SG-XARY153A-218G	218-GB Sun StorEdge D1000 Tabletop (12x18.2GB, 10000rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY163A-291G	291-GB Sun StorEdge D1000 tabletop (8 x 36.4-GB/10000-rpm)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY172A-436G	436-GB (12 x 36.4-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop or Deskside with 2 power supplies, 2 fantrays (4 fans), 4 Differential UltraSCSI to host ports (Standard Configuration)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY173A-436G	436-GB (12 x 36.4-Gbyte 10K RPM disks) Sun StorEdge D1000 rackmountable with 2 power supplies, 2 fantrays (4 fans), 4 Differential UltraSCSI to host ports, and rack mount rails. (Standard Configuration)	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY154A-218G	218-GB (12x18-Gbyte 10k RPM disks) Sun StorEdge D1000 rackmountable with 2 power supplies, 2 fantrays (4 fans), 4 differential UltraSCSI to host ports, and rackmount rails.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY172A-145G	145-GB (4 x 36.4-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop or Deskside with 2 power supplies, 2 fantrays (4 fans), 4 Differential UltraSCSI to host ports	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-XARY173A-145G	145-GB (4 x 36.4-Gbyte 10K RPM disks) Sun StorEdge D1000 rackmountable with 2 power supplies, 2 fantrays (4 fans), 4 Differential UltraSCSI to host ports, and rack mount rails.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	

Table 1 **Sun Enterprise XX00 Server Hardware Marketing Part Numbers** *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-ARY173A-145GR5	145-GB (4 x 36.4-Gbyte 10K RPM disks) Sun StorEdge D1000 with 2 power supplies, 2 fantrays (4 fans), 4 Differential UltraSCSI to host ports, and rack mount rails. For installation in Sun StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY154A-218GR5	218-GB (12x18-Gbyte 10k RPM disks) Sun StorEdge D1000 with 2 power supplies, 2 fantrays (4 fans), 4 differential UltraSCSI to host ports, and rack-mount rails. For installation in StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY173A-436GR5	436-GB (12 x 36.4-Gbyte 10K RPM disks) Sun StorEdge D1000 with 2 power supplies, 2 fantrays (4 fans), 4 Differential UltraSCSI to host ports, and rack mount rails. Installation in StorEdge Expansion Cabinet.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY154A-72R4	72-Gbyte (4 x 18 Gbyte 10, 000 RPM disks) Pre-tested Sun StorEdge D1000 rackmountable with 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY173A-145R4	145-GB (4 x 36.4 Gbyte 10, 000 RPM disks) Pre-tested Sun StorEdge D1000 rackmountable with 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY154A-218R4	218-GB (12x18 Gbyte 10, 000 RPM disks) Pre-tested Sun StorEdge D1000 rackmountable with 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
SG-ARY173A-436R4	436-GB (12 x 36.4 Gbyte 10, 000 RPM disks) Pre-tested Sun StorEdge D1000 rackmountable with 2 fantrays (4 fans), 2 Differential UltraSCSI to host ports, 2 power supplies, and universal rack mount rails.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
NS-XARY173A-145GAC	Telcom storage array for telco/ISP JBOD (Just a Bunch of Disks) UltraSCSI differential to host, 4x36GB, 10Krpm drives, redundant AC power, redundant fans, hot-swap drives, power, fans, rack-mount ready, 4ux19"x21". Standard configuration.	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
NS-XARY173A-145GDC	Telcom storage array for telco/ISP JBOD (Just a Bunch of Disks) UltraSCSI differential to host, 4x36GB, 10Krpm drives, redundant DC power, redundant fans, hot-swap drives, power, fans, rack-mount ready, 4ux19"x21".	18 / 18 / 18 / 9	18 / 18 / 18 / 9	
X5244A	NEBS certifiable disk, Netra Internal 36.4-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high w/ barrier plate. NEBS level 3 certified with Netra storage			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes

	4.2.2.1 StorEdge D130:
	In order to connect Netra st D130 to Sun Enterprise(TM) 3500- 6500, E4502-R servers, or Sun Enterprise(TM) 3000 - 6000 servers, the following guidelines must be observed:
	(1) The on-board SCSI host interface can be used. Please see below for slot 1 I/O board restrictions and please note the on-board Sbus SCSI connection is NOT UltraSCSI.
	(2) The following restrictions apply to the I/O board in slot 1:
	  - The on-board SCSI host interface for the slot 1 I/O board cannot be used for the Sun Enterprise 3000, 5000, 5500, 6000 or 6500 Servers.
	  - A Netra st D130 can be connected to the slot 1 I/O board by connecting to a SCSI host bus adapter card in one of the slots (see below for supported host bus adapter cards).
	  - You may connect one Netra st D130, via a 2-m cable, to the slot 1 I/O board on-board SCSI of the Sun Enterprise 3500, 4000, 4500, 4502-R Servers. However, you cannot daisy chain this Netra st D130.
	(3) The following SCSI host adapters cards are supported:
	  - SCSI port on SunSwift 100BaseT F/W SCSI Sbus adapter (X1018A)
	  - SCSI port on 10/100BaseT F/W Ultra SCSI PCI adapter (X1032A)
	(4) A maximum of two Netra st D130 can be daisy-chained. A 2-m cable should be used to connect the first Netra st D130 to a host adapter card. Use the 0.5-m cable to daisy-chain the additional D130. The 2-m cable must be connected to a host adapter card, if the 2-m cable is connected to the on-board SCSI host interface, the D130 CANNOT be daisy chained.
	(5) Following SCSI cables can be used:
	  - (X6917A) 0.5-m SCSI cable: to connect to the on-board SCSI port of the Sun Enterprise server or to the 10/100BaseT F/W Ultra SCSI PCI adapter (X1032A); can also be used to daisy-chain Netra st D130.
	  - (X902A) 2-m SCSI-3/SCSI-3 cable: to connect to 10/100BaseT F/W Ultra SCSI PCI adapter (X1032A), to the SunSwift SBus host adapter (X1018A), or to the on-board SCSI port of the Sun Enterprise server. If this cable is used to connect Netra st D130 to on-board SCSI port of the Sun Enterprise Servers, daisy-chaining is **NOT** supported.			

NS-XDSKD130-72GAC	Rackable thin storage 1U high, rackmount-ready disk pack with 2x36GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered 19" fixed mount included.	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-XDSKD130-72GDC	Rackable thin storage 1U high, rackmount-ready disk pack with 2x36GB, 10Krpm hot-swap drives UltraSCSI SE to host, DC powered 19" fixed mount included.	2 / 2 / 2 / 2	2 / 2 / 2 / 2	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
NS-XDSKD130-36GAC	Rackable thin storage 1U high, rackmount-ready disk pack with 2x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered 19" fixed mount included. 19" rail mount (t1 mount) available separately. (Standard Configuration)	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-XDSKD130-54GAC	Rackable thin storage, 54GB 1U high, rackmount-ready disk pack with 3x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered 19" fixed rack mount included. 19" rail mount (t1 mount) available separately. (Standard Configuration)	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-XDSKD130-18GAC	Rackable thin storage 1U high, rackmount-ready disk pack with 1x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered 19" fixed mount included. 19" rail mount (t1 mount) available separately.	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-XDSKD130-36GDC	Rackable thin storage 1U high rackmount-ready disk pack with 2x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, DC powered 19" fixed mount included. 19" rail mount (t1 mount) available separately.	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-XDSKD130-54GDC	Rackable thin storage, 54GB 1U high, rackmount-ready disk pack with 3x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, DC powered 19" fixed rack mount included. 19" rail mount (t1 mount) available seperately.	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-DSKD130-72GAC	Rackable thin storage, 1U high, rackmount=ready disk pack with 2x36GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered, CTO part number	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-DSKD130-36GAC	Rackable thin storage, 1U high, rackmount=ready disk pack with 2x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered, CTO part number	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
NS-DSKD130-54GAC	Rackable thin storage, 1U high, rackmount=ready disk pack with 3x18GB, 10Krpm hot-swap drives UltraSCSI SE to host, AC powered, CTO part number	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
X5244A	NEBS certifiable disk, Netra Internal 36.4-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high w/ barrier plate. NEBS level 3 certified with Netra storage.			
	4.2.3 StorEdge A3000 (RSM 2000/Sonoma): *1. The maximum quantities refer to the number of A3000 controllers that can be attached to the Enterprise Servers with daisy-chaining.*			
X6530A	StorEdge A3000 15 x 4.2GB, 5400 rpm 128MB cache memory	36/ 20 /20/ 12	36 / 20 / 20/ 8	U
X6531A	StorEdge A3000 35 x 4.2GB, 5400 rpm 128MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
X6532A	StorEdge A3000 15 x 4.2GB, 7200 rpm 128MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
X6533A	StorEdge A3000 35 x 4.2GB, 7200 rpm 128MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
X6534A	StorEdge A3000 15 x 9.1GB, 7200 rpm 128MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
X6535A	StorEdge A3000 35 x 9.1GB, 7200 rpm 128MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
X6536A	StorEdge A3000 Controller module 128 MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
(X)6513A(R5)	Power sequencer for Enterprise Expansion Cabinet for configuring Sun StorEdge(TM) A3000	As Needed	As Needed	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers _(Continued)_

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.2.4.1 StorEdge A3500: _1. The maximum quantities refer to the number of A3500 controllers that can be attached to the Enterprise Servers with daisy-chaining._			
SG-(X)ARY350A-90G	90-GB Sun StorEdge A3500 includes one controller module, five arrays (10 x 9.1GB 7200 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with two 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-XARY350A-545G	545-GB Sun StorEdge A3500 includes one controller module, five arrays (60 x 9.1GB 7200 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with two 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-(X)ARY351A-180G	180-GB Sun StorEdge A3500 includes one contoller modules, five arrays (10 x 18GB 7200 RPM drives)mounted in Sun StorEdge 72-inch expansion cabinet with two 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-(X)ARY352A-180G	180-GB Sun StorEdge A3500 includes two controller modules, seven arrays (20 x 9.1GB 7200 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with four 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-XARY352A-763G	763-GB Sun StorEdge A3500 includes two controller modules, seven arrays (84 x 9.1GB 7200 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with four 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-(X)ARY353A-360G	360-GB Sun StorEdge A3500 includes two controller modules, seven arrays (20 x 18GB 7200 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with four 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-XARY353A-1008G	2160-GB Sun StorEdge A3500 includes two controller modules, seven arrays (56 x 18GB 7200 RPM drives) mounted in two Sun StorEdge 72-inch expansion cabinets with four 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-XARY354A-1635G	1635-GB Sun StorEdge A3500 includes three controller modules, fifteen arrays (180 x 9.1GB 7200 RPM drives) mounted in two Sun StorEdge 72-inch expansion cabinets with six 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-XARY355A-2160G	2160-GB Sun StorEdge A3500 includes three controller modules, fifteen arrays (120 x 18GB 7200 RPM drives) mounted in two Sun StorEdge 72-inch expansion cabinets with six 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-(X)ARY360A-90G	90-GB Sun StorEdge A3500 includes one controller module, five arrays (10 x 9.1GB 10,000 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with two 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-XARY360A-545G	545-GB Sun StorEdge A3500 includes one controller module, five arrays (60 x 9.1GB 10000 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with two 12m UltraSCSI cables or with two 2-meter UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-(X)ARY362A-180G	180-GB Sun StorEdge A3500 includes two controller modules, seven arrays (20 x 9.1GB 10,000 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with four 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XARY362A-763G	763-GB Sun StorEdge A3500 includes two controller modules, seven arrays (84 x 9.1GB 10000 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with four 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY364A-1635G	1635-GB Sun StorEdge A3500 includes three controller modules, fifteen arrays (180 x 9.1GB 10000 RPM drives) mounted in two Sun StorEdge 72-inch expansion cabinets with six 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	U
SG-(X)ARY366A-72G	72-GB Sun StorEdge A3500 includes one controller module, two arrays (8 x 9.1GB 10000 RPM drives) mounted in Sun StorEdge 72-inch expansion cabinet with two 12m UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY370A-91G	91-GB Sun StorEdge A3500 base configuration includes five disk trays with 10 x 9-GB/10000-rpm disks (1 x 5 x 9-GB) mounted in one Sun StorEdge 72-inch expansion cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY372A-182G	182-GB Sun StorEdge A3500 base configuration includes seven disk trays with 20 x 9-GB/10000-rpm disks (2 x 7 x 9-GB) mounted in one Sun StorEdge 72-inch expansion cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY374A-273G	273-GB Sun StorEdge A3500 base configuration includes fifteen disk trays with 30 x 9-GB/10000-rpm disks (3 x 15 x 9-GB) mounted in two Sun StorEdge 72-inch expansion cabinets	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY380A-1092G	1092-GB Sun StorEdge A3500 includes one controller module and five disk trays with 60 x 18-GB/10000-rpm disks (maximum configuration, 1 x 5 x 18-GB) mounted in one Sun StorEdge 72-inch expansion cabinet with two 12-meter UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY380A-182G	182-GB Sun StorEdge A3500 base configuration includes five disk trays with 10 x 18-GB/10000-rpm disks (1 x 5 x 18-GB) mounted in one Sun StorEdge 72-inch expansion cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY381A-1456G	1456-GB Sun StorEdge A3500 includes one controller module and five disk trays with 40 x 36-GB/10000-rpm disks (maximum configuration, 1 x 5 x 36-GB) mounted in one Sun StorEdge 72-inch expansion cabinet with two 12-meter UltraSCSI cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY381A-364G	364-GB Sun StorEdge A3500 base configuration includes five disk trays with 10 x 36-GB/10000-rpm disks (1 x 5 x 36-GB) mounted in one Sun StorEdge 72-inch expansion cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY382A-364G	364-GB Sun StorEdge A3500 base configuration includes seven disk trays with 20 x 18-GB/10000-rpm disks (2 x 7 x 18-GB) mounted in one Sun StorEdge 72-inch expansion cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY383A-728G	728-GB Sun StorEdge A3500 base configuration includes seven disk trays with 20 x 36-GB/10000-rpm disks (2 x 7 x 36-GB) mounted in one Sun StorEdge 72-inch expansion cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY384A-546G	546-GB Sun StorEdge A3500 base configuration includes fifteen disk trays with 30 x 18-GB/10000-rpm disks (3 x 15 x 18-GB) mounted in two Sun StorEdge 72-inch expansion cabinets	36/ 20 /20 / 12	36 / 20 / 20 / 8	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-ARY385A-1092G	1092-GB Sun StorEdge A3500 base configuration includes fifteen disk trays with 30 x 36-GB/10000-rpm disks (3 x 15 x 36-GB) mounted in two Sun StorEdge 72-inch expansion cabinets	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY386A-145GR5	145.6-GB Sun StorEdge A3500-Light (8x18.2GB, 10K RPM drives) w/2 trays, two 12m USCSI cables, one controller module (2 controllers), redundant fans, drives and power supplies configured in a StorEdge Expansion Cabinet	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY386A-145G	145.6-GB Sun StorEdge A3500-Light (8x18.2GB, 10K RPM drives) w/2 trays, two 12m USCSI cables, one controller module (2 controllers), redundant fans, drives and power supplies, and rackmount rails.	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY391A-364G	364-GB Sun StorEdge A3500 (10 x 36.4-GB, 10K RPM drives) with 5 trays mounted in StorEdge expansion cabinet, redundant fans drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY391A4-364G	364-GB Sun StorEdge A3500 (10x36.4 GB, 10K RPM drives) with USCSI host interface, 5 trays mounted in StorEdge expansion cabinet, two 12m USCSI cables, 1 USCSI controller module (2 controller cards), redundant fans, drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY391B4-364G	364-GB Sun StorEdge A3500FC (10x36.4GB, 10K RPM drives) with FC-AL host interface, 5 trays mounted in StorEdge expansion cabinet, two 25m fibre cables, 1 FC-AL controller module (2 controller cards), redundant fans, drives and power supplies			
SG-XARY390A-2184G	2184-GB Sun StorEdge A3500 (60 x 36.4-GB, 10K RPM drives) with USCSI host interface, 5 trays mounted in StorEdge expansion cabinet, two 12m USCSI cables, 1 USCSI controller module (2 controller cards), redundant fans, drives and power supplies (Standard Configuration)	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY390B-2184G	2184-GB Sun StorEdge A3500FC (60 x 36.4-GB, 10K RPM drives) with FC-AL host interface, 5 trays mounted in StorEdge expansion cabinet, two 15m fibre cables, 1 FC-AL controller module (2 controller cards), redundant fans, drives and power supplies (Standard Configuration)			
SG-ARY390A4-2184G	2184-GB Sun StorEdge A3500 (60x 36.4GB, 10K RPM drives) with USCSI host interface, 5 trays mounted in StorEdge expansion cabinet, two 12m USCSI cables, 1 USCSI controller module (2 controller cards), redundant fans, drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY390B4-2184G	2184-GB Sun StorEdge A3500 (60x 36.4GB, 10K RPM drives) with FC-AL host interface, 5 trays mounted in StorEdge expansion cabinet, two 25m fibre cables, 1 FC-AL controller module (2 controller cards), redundant fans, drives and power supplies			
SG-ARY393A-728G	728-GB Sun StorEdge A3500 (20 x 36.4-GB, 10K RPM drives) with 7 trays mounted in StorEdge expansion cabinet, redundant fans, drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-ARY393A4-728G	728-GB Sun StorEdge A3500 (20x36.4GB, 10K RPM drives) with USCSI host interface, 7 trays mounted in StorEdge expansion cabinet, four 12m USCSI cables, 2 USCSI controller modules (4 controller cards), redundant fans, drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY393B4-728G	728-GB Sun StorEdge A3500FC (20x36.4GB, 10K RPM drives) with FC-AL host interface, 7 trays mounted in StorEdge expansion cabinet, four 25m fibre cables, 2 FC-AL controller modules (4 controller cards), redundant fans, drives and power supplies			
SG-ARY395A-1092G	1092-GB Sun StorEdge A3500 (30 x 36.4-GB, 10K RPM drives) with 15 trays mounted in two StorEdge expansion cabinets, redundant fans, drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY395A4-1092G	1092-GB Sun StorEdge A3500 (30x36.4GB, 10K RPM drives) with USCSI host interface, 15 trays mounted in two StorEdge expansion cabinets, six 12m USCSI cables, 3 USCSI controller module (6 controller cards), redundant fans, drives and power supplies	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-ARY395B4-1092G	1092-GB Sun StorEdge A3500FC (30x36.4GB, 10K RPM drives) with FC-AL host interface, 15 trays mounted in two StorEdge expansion cabinets, six 25m fibre cables, 3 FC-AL controller modules (6 controller cards), redundant fans, drives and power supplies			
(X)6537A	StorEdge A3500 Controller module 128 MB cache memory	36/ 20 /20 / 12	36 / 20 / 20 / 8	
X7020A	Sun StorEdge A3500 add-on cache, 64 MB	As Required	As Required	
	4.2.4.2 StorEdge A3500 Fiber Channel: 1. *The maximum quantities refer to the number of A3500 controllers that can be attached to the Enterprise Servers with daisy-chaining.*	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY360B-545G	545-GB A3500FC includes one FC-AL controller module and five disk trays with 60x9-GB, 10000-rpm disks (maximum configuration, 1 x 5 x 9-GB) mounted in one Sun StorEdge 72-inch expansion cabinet with two 15m fibre optic cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY380B-1092G	1092-GB A3500FC includes one FC-AL controller module and five disk trays with 60x18-GB, 10000-rpm disks (maximum configuration, 1 x 5 x 18-GB) mounted in one Sun StorEdge 72-inch expansion cabinet with two 15m fibre optic cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
SG-XARY381B-1456G	1456-GB A3500FC includes one FC-AL controller module and five disk trays with 40x36-GB, 10000-rpm disks (maximum configuration, 1 x 5 x 36-GB) mounted in one Sun StorEdge 72-inch expansion cabinet with two 15m fibre optic cables	36/ 20 /20 / 12	36 / 20 / 20 / 8	
(X)6538A	A3500FC FC-AL controller module	36/ 20 /20 / 12	36 / 20 / 20 / 8	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.2.5.1 StorEdge A5000 (Photon): 1. *The maximum cable length for A5000 is 500 meters.* 2. *Max Qty reflects 20TB capacity limit with .8TB total per unit where at least 40 fiber connections are supported.* 3. *Each A5000 requires ...* 4. *Dual host adapters for redundancy on the host.* 5. *No more than 4 Photon arrays per pair of loops.* 6. *Use hubs for more than two trays on a loop.* 7. *If IOPS (database) application use 4 arrays per pair of loops.* 8. *If bandwidth (big files) application use 2 arrays (or fewer) per pair of loops* 9. *Append "R4" to the order number (i.e. SG-ARY511A-127GR4) for factory installation in an Enterprise 5500/6500 cabinet.*			
SG-XARY010A-45G	A5000: 45.5G, Tabletop (5 x 9.1G, 7200RPM), 1 interface board, 2 power supplies, 2 meter cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-XARY010A-127G	A5000: 127.4G, Tabletop (14 x 9.1G, 7200RPM), 2 interface boards, 3 power supplies, 2 meter cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-XARY011A-127G	A5000: 127.4G, (14 x 9.1G, 7200RPM), 2 interface boards, 3 power supplies, 2 meter cables, rackmount configuration	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-XARY012A-254G	A5000: 254.8G, 2 arrays (14 x 9.1G, 7200RPM) in Enterprise expansion Cabinet, 2 hubs	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-XARY012A-509G	A5000: 254.8G, 4 arrays (14 x 9.1G, 7200RPM) in Enterprise expansion Cabinet, 2 hubs	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-XARY510A-45G	A5000: 45.5G, Tabletop (5 x 9.1 GB, 7200 rpm), three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-(X)ARY512A-127G	A5000: 127.4G, Tabletop (14 x 9.1G, 7200RPM), 2 interface boards, 3 power supplies, 2 meter cables, rackmounting attached for Enterprise System Cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5,9 U
SG-XARY510A-127G	A5000: 127.4G, (14 x 9.1 GB, 7200 rpm), three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-(X)ARY511A-127G(R5)	A5000: 127.4G, (14 x 9.1 GB, 7200 rpm), three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; rackmounting attached for Sun StorEdge Expansion cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
6732A	FC-100 FC-AL 7 Port Hub (no GBICs included)	As Needed	As Needed	1,4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-(X)ARY513A-509G	509-GB Sun StorEdge A5000 includes four 127-GB arrays (56 drives total) and four FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet with two power cords, four 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-(X)ARY513A-254G	254-GB Sun StorEdge A5000 includes two 127-GB arrays and two FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet with two power cords, two 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
	4.2.5.2 StorEdge A5100 (Photon):			
SG-XARY530A-91G	91-GB Sun StorEdge A5100 tabletop (5 x 18.2 GB, 7200 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-XARY530A-254G	254-GB Sun StorEdge A5100 tabletop (14 x 18.2 GB, 7200 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-(X)ARY531A-254G(R5)	254-GB Sun StorEdge A5100 (14 x 18.2 GB, 7200 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; rackmounting attached for Sun StorEdge Expansion cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-(X)ARY532A-254G(R4)	254-GB Sun StorEdge A5100 Rack-mountable Array (14 x 18.2 GB, 7200 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; rack-mounting attached for Sun Enterprise system cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-ARY533A-254G	254-GB Sun StorEdge A5100 Hubless version, includes one 254-GB array, (14 x 18.2 GB, 7200 rpm) A5100 array rack mounted in 72-inch Sun StorEdge Cabinet for direct connect to host (no hubs attached), three power supplies, two interface boards, twelve 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-(X)ARY533A-509G	509-GB Sun StorEdge A5100 includes two 254-GB arrays (28 drives total) and two FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet, two 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-(X)ARY533A-1528G	1528-GB Sun StorEdge A5100 includes six 254-GB (84 drives total) and four FC-AL hubs (four GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet, four 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5, U
SG-XARY550A-182G	182-GB Sun StorEdge A5100 tabletop Array (5 x 36.4-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY550A-509G	509-GB Sun StorEdge A5100 (14 x 36.4-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-ARY553A-509G	509-GB Sun StorEdge A5100 Cabinet, Hubless version includes one 509-GB (14 x 36.4-GB/10000-rpm) A5100 array rack mounted in 72-inch Sun StorEdge Cabinet for direct connect to host (no hubs attached), three power supplies, two interface boards, twelve 15-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY553A-1019G	1019-GB Sun StorEdge A5100 includes two 509-GB arrays (28 drives total) and two FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch Expansion Cabinet, two 15-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY553A-3057G	3057-GB Sun StorEdge A5100 includes six 509-GB arrays (84 drives total) and four FC-AL hubs (four GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet, four 15-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-(X)ARY551A-509G(R5)	509-GB Sun StorEdge A5100 Rack-mountable Array (14 x 36.4-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fibre optic cables; rackmounting attached for 72-inch Sun StorEdge Expansion cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-(X)ARY552A-509G(R4)	509-GB Sun StorEdge A5100 Rack-mountable Array (14 x 36.4 GB, 10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; for rackmounting attached in Sun Enterprise system cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
	4.2.5.3 StorEdge A5200 (Photon):			
SG-XARY520A-63G	63-GB Sun StorEdge A5200 tabletop (7 x 9.1 GB, 10000 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY520A-200G	200-GB Sun StorEdge A5200 tabletop (22 x 9.1 GB, 10000 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY521A-200GR5	200-GB Sun StorEdge A5200 Rack-mount Array (22 x 9.1 GB, 10000 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; rackmounting attached for Sun StorEdge Expansion cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY521A-200GR4 SG-ARY521A-200G	200.2-GB Sun StorEdge A5200 (22 x 9.1-GB/10000-rpm, low-profile, FC-AL drives)	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-(X)ARY522A-200G(R4)	200-GB Sun StorEdge A5200 Rack-mount Array (22 x 9.1 GB, 10000 rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; rack mounting attached for Sun Enterprise system cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-ARY523A-200G	200-GB Sun StorEdge A5200 Cabinet, factory configured, hubless includes one 200-GB (22 x 9.1 GB, 10000 rpm) A5200 array rack mounted in 72-inch Sun StorEdge Cabinet for direct connect to host (no hubs attached), three power supplies, two interface boards, twelve 15-meter fiber optic cable	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY523A-400G	400-GB Sun StorEdge A5200 Cabinet two 200-GB arrays (44 drives total) and two FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet with two power cords, two 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-(X)ARY523A-1200G	1200-GB Sun StorEdge A5200 includes six 200-GB arrays (132 drives total) and four FC-AL hubs (four GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet with two power cords, four 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-(X)ARY523A-800G	800-GB Sun StorEdge A5200 includes four 200-GB array (88 drives total) and four FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet with two power cords, four 15-meter fiber optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5 U
SG-XARY540A-127G	127-GB Sun StorEdge A5200 tabletop Array (7 x 18.2-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY540A-400G	400-GB Sun StorEdge A5200 tabletop Array (22 x 18.2-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY543A-400G	400-GB Sun StorEdge A5200 Hubless Cabinet version includes one 400-GB (22 x 18.2-GB/10000-rpm) A5200 array rack mounted in 72-inch Sun-StorEdge Cabinet for direct connect to host (no hubs attached), three power supplies, two interface boards, twelve 15-meter fibre optic cable	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY543A-800G	800-GB Sun StorEdge A5200 Cabinet, includes two 400-GB arrays (44 drives total) and two FC-AL hubs (three GBICs each) mounted in Sun StorEdge 72-inch Expansion Cabinet with two power cords, two 15-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY543A-2400G	2400-GB Sun StorEdge A5200 Cabinet includes six 400-GB arrays (132 drives total) and four FC-AL hubs (four GBICs each) mounted in Sun StorEdge 72-inch expansion cabinet with two power cords, four 15-meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY541A-400G	400-GB Sun StorEdge A5200 Rack-mountable Array (22 x 18.2-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fibre optic cables; rackmounting attached for mounting in 72-inch Sun StorEdge Expansion cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY542A-400G	400-GB Sun StorEdge A5200 Rack-mountable Array (22 x 18.2-GB/10000-rpm) three power supplies, two interface boards (one GBIC each), power cord, two 2-meter fiber optic cables; rackmounting attached for Enterprise System cabinet	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XARY563A-4804G	4804.8-Gbyte Sun StorEdge A5200 Cabinet, including six 800.8-GByte arrays (22 x 36.4-GByte, 10000 RPM low-profile FC-AL drives) including 4 hubs with 4 GBICs each, two 15-meter fibre optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included. (Standard Configuration)	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY560A-254G	254.8-Gbyte Sun StorEdge A5200 Tabletop (7 x 36.4-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY560A-800G	800.8-Gbyte Sun StorEdge A5200 Tabletop (22 x 36.4-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY561A-800G	800.8-Gbyte Sun StorEdge A5200 Rackmountable for the 72" cabinet (22 x 36.4-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY561A-800GR5	800-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 36.4-GB, 10000rpm low-profile FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fibre optic cables. Rackmounting kit installed for Factory Configuring into 72" Sun StorEdge expansion cabinet.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY562A-800G	800.8-Gbyte Sun StorEdge A5200 Rackmountable for the 68" cabinet (22 x 36.4-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY563A-800G	800-Gbyte Sun StorEdge A5200 hubless version, includes one 800-GByte array (w/22*36.4-Gbyte 10000rpm, low profile FC-AL drives), twelve 15 meter fibre optic cables, mounted in 72" Sun StorEdge Expansion Cabinet (no hubs included).	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY563A-1601G	1601.6-Gbyte Sun StorEdge A5200 Cabinet, including two 800.8-GByte arrays (22 x 36.4-GByte, 10000 RPM low-profile FC-AL drives) including 2 hubs with 3 GBICs each, two 15-meter fibre optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY570A-1606G	1606-Gbyte Sun StorEdge A5200 Tabletop (22 x 73-GB, 10000 RPM low-profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables. Standard Configuration.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY573A-3212G	3212-Gbyte Sun StorEdge A5200 Cabinet, including two 1606-GByte arrays (22 x 73-GByte, 10000 RPM low-profile FC-AL drives)including 2 hubs with 3 GBICs each, two 15-meter fibre optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included. Standard Configuration.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY573A-9636G	9636-Gbyte Sun StorEdge A5200 Cabinet, including six 1606-GByte arrays (22 x 73-GByte, 10000 RPM low-profile FC-AL drives)including 4 hubs with 4 GBICs each, two 15-meter fibre optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included. Standard Configuration.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XARY570A-511G	511-Gbyte Sun StorEdge A5200 Tabletop (7 x 73-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY571A-1606G	1606-Gbyte Sun StorEdge A5200 Rackmountable for the 72" cabinet (22 x 73-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY571A-1606GR5	1606-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 73-GB, 10000 RPM low-profile FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fibre optic cables. Rackmounting kit installed for Factory Configuring into 72" Sun StorEdge expansion cabinet.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-XARY572A-1606G	1606-Gbyte Sun StorEdge A5200 Rackmountable for the 68" cabinet (22 x 73-GB, 10000 RPM low-profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY572A-1606GR4	1606-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 73-GB, 10000 RPM low-profile FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fibre optic cables. Rackmounting kit installed for-Factory Configuring into 68" Sun StorEdge expansion cabinet.	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY573A-1606G	1606-Gbyte Sun StorEdge A5200 hubless version, includes one 1606-GByte array (w/22*73-Gbyte 10000 RPM, low profile FC-AL drives), two 15 meter fibre optic cables, mounted in 72" Sun StorEdge Expansion Cabinet (no hubs included).	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY573A-3212G	3212-Gbyte Sun StorEdge A5200 Cabinet, including two 1606-GByte arrays (22 x 73-GByte, 10000 RPM low-profile FC-AL drives)including 2 hubs with 3 GBICs each, two 15-meter fibre optic cables mounted in 72" StorEdge expansion cabinet. (Factory Configured for E10000)	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
SG-ARY573A-9636G	9636-Gbyte Sun StorEdge A5200 Cabinet, including six 1606-GByte arrays (22 x 73-GByte, 10000 RPM low-profile FC-AL drives)including 4 hubs with 4 GBICs each, four 15-meter fibre optic cables mounted in 72" StorEdge expansion Cabinet for E10000 system.(Factory Configured).	72 / 48 / 48 / 24	72 / 48 / 48 / 24	2,5
(X)6742A	73GB 10K-RPM 1" FC-AL DISK			
X6738A	Fast Write Cache 1.0 for the Sun StorEdge A5X00 storage arrays; includes two 32-MB NVRAM SBus adapter cards plus cache software for Solaris	As Needed	As Needed	U
X6745A	Fast Write Cache 2.0 for the A5X00 Storage Arrays. Includes two 32MB NVRAM SBUS adapter cards plus Installation Serives.	As Needed	As Needed	
X6739A	Fast Write Cache 2.0 for the A5X00 Storage Arrays. Includes two 64MB NVRAM PCI adapter cards plus Installation Serives.	N/S	N/S	
X973A	2 meter fiber optic cable	As Needed	As Needed	
X978A	15 meter fiber optic cable	As Needed	As Needed	
X9654A	Rack-mounting kit for Enterprise System Cabinet	As Needed	As Needed	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.2.6 StorEdge StorEdge A7000 (Jumanji): 1. *The A7000 will support the UDWIS host adapter with maximum transfer rate is 40MB/sec at Serengeti FCS* 2. *Initial Max Qty for all Serversis linked to a 20TB limit, along with UltraSCSI support.* 3. *The capacity for one A7000 is very close to 1TB*			
SG-ARY002A-0G	A7000 Controller, double drawer			U
	4.2.7 SPARCstorage Arrays:			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes

	SPARCstorage Array, General Notes:
	
	a. *Follow the configuration guidelines in the SPARCstorage Array documentation for maximum reliability, availability and performance.*
	b. *The total number of SPARCstorage Arrays supported on Enterprise 6000, Enterprise 4000/5000, and Enterprise 3000 are 60, 40, and 20 respectively.*
	  i. *Each SSA100 series chassis accommodates up to 30 disks.*
	  ii. *Each SSA200 series rack accommodates one SSA200 Controller plus up to 6 Disk Trays. Each Timba Disk Tray accommodates up to 6 disks. Each SPARCstorage RSM accommodates up to 7 disks.*
	c. *Enterprise 6000 supports up to 60 SSA 100 or 200 series Controllers.*
	  i. *SSA100: With 30 disks installed in each of 60 SSA100s, the total number of disks is 1800. Using 4.2Gbyte disks, total system disk storage is 7.6Tbytes. This would require 15 Expansion Cabinets.*
	  ii. *SSA200 / DSCSI: With 36 disks attached to each of 60 SSA 200s, the total number of disks is 2160. Using 9 Gbyte disks, total system disk storage is 19.44 Tbytes. This would require 60 Expansion Cabinets.*
	  iii. *SSA200 / SPARCstorage RSM: With 42 disks attached to each of 60 SSA 200s, the total number of disks is 2520. Using 9.1 Gbyte disks, total system disk storage is 22.9 Tbytes. This would require 60 Expansion Cabinets.*
	d. *Enterprise 4000/5000 supports up to 40 SSA 100 or 200 series Controllers.*
	  i. *SSA100: With 30 disks installed in each of 40 SSA100s, the total number of disks is 1200. Using 4.2Gbyte disks, total system disk storage is 5Tbytes. This would require 10 Expansion Cabinets.*
	  ii. *SSA200 / DSCSI: With 36 disks attached to each of 40 SSA 200s, the total number of disks is 1440. Using 9 Gbyte disks, total system disk storage is 12.96 Tbytes. This would require 40 Expansion Cabinets.*
	  iii. *SSA200 / SPARCstorage RSM: With 42disks attached to each of 40 SSA 200s, the total number of disks is 1680. Using 9.1Gbyte disks, total system disk storage is 15.3 Tbytes. This would require 40 Expansion Cabinets.*
	e. *Enterprise 3000 supports up to 20 SSA 100 or 200 series Controllers.*
	  i. *SSA100: With 30 disks installed in each of 20 SSA100s, the total number of disks is 600. Using 4.2Gbyte disks, total system disk storage is 2.5Tbytes. This would require 5 Expansion Cabinets.*
	  ii. *SSA200 / DSCSI: With 36 disks attached to each of 20 SSA 200s, the total number of disks is 720. Using 9 Gbyte disks, total system disk storage is 6.48 Tbytes. This would require 20 Expansion Cabinets.*
	  iii. *SSA200 / SPARCstorage RSM: With 42 disks attached to each of 20 SSA 200s, the total number of disks is 840. Using 9.1 Gbyte disks, total system disk storage is 7.6 Tbytes. This would require 20 Expansion Cabinets.*			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	SPARCstorage Array, Specific Notes: 1. *Refer to section 3.1.5 Fibre Channel Interfaces for more information regarding SSA host connections.* 2. *SPARCstorage Array Model 100 Series can physically accommodate a maximum of 30 1-inch single connector SCSI-2 disks.* 3. *SPARCstorage Array 200 Series Controllers need to be configured with external Disk Trays. Up to six Disk Trays can be supported per SSA 200. All six Disk Trays plus the SSA 200 are accommodated in a single Expansion Cabinet.* a. *Differential SCSI Disk Tray supports up to six 5.25-inch disk drives. (refer to section 4.2.3)* b. *SPARCstorage RSM supports up to 7 individually hot-pluggable 3.5-inch disk drives. (refer to section 4.2.2)*			
X653A	SPARCstorage Array Model 101; 6 x 1.05-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X654A	SPARCstorage Array Model 101; 18 x 1.05-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X655A	SPARCstorage Array Model 101; 30 x 1.05-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X651A	1.05-Gbyte Fast SCSI-2 Disk for SPARCstorage Array Model 100 series			2, U
X652A	6 x 1.05-Gbyte Fast SCSI-2 Disk for SPARCstorage Array Model 100 series			2, U
X768A	SPARCstorage Array Model 102; 6 x 2.1-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X769A	SPARCstorage Array Model 102; 18 x 2.1-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X770A	SPARCstorage Array Model 102; 30 x 2.1-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X790A	SPARCstorage Array Model 112; 6 x 2.1-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X791A	SPARCstorage Array Model 112; 18 x 2.1-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X792A	SPARCstorage Array Model 112; 30 x 2.1-Gbyte; FC/25	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
(X)6590A	SPARCstorage Array Model 112; 6 x 2.1-Gbyte; FC/25 in Enterprise X000 colors	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
(X)6591A	SPARCstorage Array Model 112; 18 x 2.1-Gbyte; FC/25 in Enterprise X000 colors	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
(X)6592A	SPARCstorage Array Model 112; 30 x 2.1-Gbyte; FC/25 in Enterprise X000 colors	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
X765A	2.1-Gbyte Fast SCSI-2 Disk for SPARCstorage Array Model 100 series			2, U
X766A	6 x 2.1-Gbyte Fast SCSI-2 Disk for SPARCstorage Array Model 100 series			2, U
(X)6517A	SPARCstorage Array Model 114; 6 x 4.2-GB 7200 rpm F/W SCSI-2 SC Disks	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
(X)6518A	SPARCstorage Array Model 114; 18 x 4.2-GB 7200 rpm F/W SCSI-2 SC Disks	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U
(X)6519A	SPARCstorage Array Model 114; 30 x 4.2-GB 7200 rpm F/W SCSI-2 SC Disks	45 / 21 / 21 / 9	45 / 21 / 21 / 9	2, U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X5206A	4.2-GB 7200 rpm F/W SCSI-2 Disk Drive for SPARCstorage Array Model 114			2, U
X5207A	6 x 4.2-GB, 7200 rpm F/W SCSI-2 Disk Drives for SPARCstorage Array Model 114			2, U
X780A	SPARCstorage Array Model 200 Controller	45 / 21 / 21 / 9	45 / 21 / 21 / 9	3,U
X795A	SPARCstorage Array Model 210 Controller	45 / 21 / 21 / 9	45 / 21 / 21 / 9	3,U
X796A	SPARCstorage Array Model 214RSM: Includes Expansion Rack, SSA210 Controller, and 6 SPARCstorage RSM trays with 3 drive modules each (you may add individual drives)	45 / 21 / 21 / 9	45 / 21 / 21 / 9	3,U
X797A	Fully configured SPARCstorage Array Model 214 RSM: 6 RSM trays with 7 drive modules (176.4-GB)			U
X6595A	SPARCstorage Array Model 219 with 6 SPARCstorage RSM 3-drive trays in an Enterprise Expansion Cabinet (Preconfigured 164 GB)	45 / 21 / 21 / 9	45 / 21 / 21 / 9	U
X6596A	SPARCstorage Array Model 219 with 6 SPARCstorage RSM 7-drive trays in an Enterprise Expansion Cabinet (Preconfigured 382 GB)	45 / 21 / 21 / 9	45 / 21 / 21 / 9	U

	4.2.8 SPARCstorage RSM for Expansion Cabinets:
	1. *The maximum cable length for differential SCSI is 25.0 meters.*
	2. *Cabling between the differential SCSI controller option and the Disk Tray is done with the 12.0-meter cable (X979A) for Disk Trays in an Expansion Cabinet.*
	3. *Three Differential SCSI Host Adapters are available:*
	    a. *SSA200 series with Fibre Channel Host Adapter (refer to section 4.2.1)*
	    b. *DWIS/S*
	    c. *DSBE/S*
	4. *Daisy-chain cabling of RSM to any other tray is not supported.*
	5. *Quantity supported per Expansion Cabinet:*
	    a. *With SSA200 mounted in the Expansion Cabinet, up to 6 trays with 7 drives each (42 drives)*
	    b. *If cabling to DWIS/S or DSBE/S, the Expansion Cabinet can be fully populated with up to 8 trays with 7 drives each (56 drives)*
	6. *SSA200 series supports:*
	    a. *up to 7 disk drives per controller,*
	7. *DWIS/S supports:*
	    a. *up to 12 disk drives per controller,*
	8. *DSBE/S supports:*
	    a. *up to 6 disk drives per controller,*			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	"System-wide" SCSI disk storage limitations: 1. The **theoretical** *maximum number of RSM SCSI disk drives connected via SSA 200 controllers is* **2520**, *broken down as follows:* *a. total possible SSA200 = 60 (2 x 30 SOCHA),* *b. total SSA200-to-Expansion Cabinet-based disks = 2520 (7 disks/tray x 6 trays/Expansion Cabinet x 60 Expansion Cabinets with SSA200)* 2. The **theoretical** *maximum number of differential SCSI disk drives connected to DWIS/S options is* **432**, *broken down as follows:* *a. total possible DWIS/S options for Expansion Cabinet disk trays = 36,* *b. total DWIS/S-to-Expansion Cabinet-based disks = 432 (12 disks x 36 DWIS/S)* 3. The **theoretical** *maximum number of differential SCSI disk drives connected to DSBE/S options is* **216**, *broken down as follows:* *a. total possible DSBE/S options for Expansion Cabinet disk trays = 36,* *b. total DSBE/S-to-Expansion Cabinet-based disks = 216 (6 disks x 36 DSBE/S)* *c. Note that a maximum of 6 drives can be supported per DSBE/S*			
(X)6503A	SPARCstorage RSM Tray with 3 X 4.2-Gbyte 5400RPM	45 / 21 / 21 / 9	45 / 21 / 21 / 9	U
(X)6504A	SPARCstorage RSM Tray with 7 X 4.2-Gbyte 5400RPM	45 / 21 / 21 / 9	45 / 21 / 21 / 9	U
(X)6506A	4.2-Gbyte 5400RPM SPARCstorage RSM drive module	As needed	As needed	U
(X)6516A	9.1-Gbyte 7200RPM drive	As needed	As needed	U
(X)6514A	3 x 9.1-Gbyte RSM Tray, 7200 RPM Fast/Wide SCSI-2 disk drives	45 / 21 / 21 / 9	45 / 21 / 21 / 9	U
(X)6515A	7 x 9.1-Gbyte RSM Tray, 7200 RPM Fast/Wide SCSI-2 disk drives	45 / 21 / 21 / 9	45 / 21 / 21 / 9	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.2.9 Differential SCSI Disk Trays for Expansion Cabinets:			
	1. *The maximum cable length for differential SCSI is 25.0 meters.*			
	2. *Cabling between the differential SCSI controller option and the Disk Tray is done with the 12.0-meter cable (X979A) for Disk Trays in an Expansion Cabinet.*			
	3. *Three differential SCSI disk drives are available:*			
	a. 2.1-Gbyte "narrow" SCSI disk.			
	b. 2.9-Gbyte "wide or narrow" SCSI disk.			
	c. 9-Gbyte "wide" SCSI disk			
	4. *Three Differential SCSI Host Adapters are available:*			
	a. SSA200 series with Fibre Channel Host Adapter (refer to section 4.2.1)			
	b. DWIS/S			
	c. DSBE/S			
	5. *Daisy-chain cabling of a differential disk tray to a Multi-Tape Backup Tray is not supported.*			
	6. *For individual tray options, the maximum quantity is relative to one Expansion Cabinet.*			
	7. *Up to 48 differential disk drives are supported per Expansion Cabinet.*			
	8. *Up to eight SCSI Disk Trays are supported per Expansion Cabinet.*			
	9. *Each SCSI Disk Tray has:*			
	a. a SCSI IN connector and up to three differential disk drives on internal 1.3-meter cable,			
	b. a 0.2-meter external daisy-chain cable,			
	c. up to three differential disk drives on internal 1.3-meter cable and a SCSI OUT connector.			
	10. *SSA200 series supports:*			
	a. up to 7 disk drives per controller,. However differential drive trays contain a maximum of 6 drives, which becomes the practical limit for the controller			
	b. mixing 2.1-Gbyte, 2.9-Gbyte and 9-Gbyte disk drives on the same controller but not on the same three-drive internal 1.3-meter cable, and			
	c. each three-drive string in a Disk Tray may be connected to different SSA controllers.			
	11. *DWIS/S supports:*			
	a. up to 12 disk drives per controller,			
	b. daisy-chaining between two adjacent Disk Trays in the same Expansion Cabinet with the 1.0-meter cable,			
	c. mixing 2.1-Gbyte, 2.9-Gbyte and 9-Gbyte disk drives on the same controller, but not on the same three-drive internal 1.3-meter cable, and			
	d. each three-drive string in a Disk Tray may be connected to different DWIS/S controllers.			
	12. *DSBE/S supports:*			
	a. up to 6 disk drives per controller,			
	b. mixing 2.1-Gbyte, 2.9-Gbyte and 9-Gbyte disk drives on the same controller but not on the same three-drive internal 1.3-meter cable, and			
	c. each three-drive string in a Disk Tray may be connected to different DSBE/S controllers.			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes

	"System-wide" SCSI disk storage limitations:
	1. The **theoretical** *maximum number of differential SCSI disk drives connected via SSA 200 controllers is* **2160***, broken down as follows:*
	  a. total possible SSA 200 = 60 (2 x 30 SOCHA),
	  b. total SSA200-to-Expansion Cabinet-based disks = 2160 (6 disks/tray x 6 trays/Expansion Cabinet x 60 Expansion Cabinets with SSA200)
	2. The **theoretical** *maximum number of differential SCSI disk drives connected to DWIS/S options is 432, broken down as follows:*
	  a. total possible DWIS/S options for Expansion Cabinet disk trays = 36,
	  b. total DWIS/S-to-Expansion Cabinet-based disks = 540 (12 disks x 432 DWIS/S)
	3. The **theoretical** *maximum number of differential SCSI disk drives connected to DSBE/S options is* **216***, broken down as follows:*
	  a. total possible DSBE/S options for Expansion Cabinet disk trays = 36 (36 SBus slots),
	  b. total DSBE/S-to-Expansion Cabinet-based disks = 216 (6 disks x 36 DSBE/S)			

X573A	2 x 2.1-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X574A	4 x 2.1-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X576A	6 x 2.1-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X575A	2.1-Gbyte Fast Differential SCSI-2 Disk	32 (192)	32 (192)	U
X583A	2 x 2.9-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X584A	4 x 2.9-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X586A	6 x 2.9-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X585A	2.9-Gbyte Fast Differential SCSI-2 Disk	32 (192)	32 (192)	U
X783A	2 x 9-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X784A	4 x 9-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X786A	6 x 9-Gbyte Fast Differential SCSI-2 Disks with tray	8 (48)	8 (48)	U
X785A	9-Gbyte Fast Differential SCSI-2 Disk	32 (192)	32 (192)	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.2.10 Sun StorEdge T3 array: *The new StorEdge(TM) T3 part numbering scheme includes basic information so that by looking at the part number you can identify what product configuration is being specified. The part number contains in the order of appearance the; Marketing Name, Configuration, (Arrays/Controllers), Total Capacity (Gigabyte) and Rack Type.* *Part Number Legend:* *- Configuration* *(TT) Table Top* *(RR) Rack Ready* *(RK) Sun StorEdge(TM) 72-in Cabinet (Rack)* *(RH) Sun StorEdge(TM) 72-in Cabinet (Rack with 2 Hubs)* *(RS) Sun StorEdge(TM) 72-in Cabinet (Rack with 2 Switches)* *- Arrays/Controllers* *(11) 1 Array, 1 Controller* *(22) 2 Arrays, 2 Controller* *(44) 4 Arrays, 4 Controller* *(88) 8 Arrays, 8 Controller* *- Rack Type* *(GR4) Factory installed inside a Sun Enterprise(TM)* *68" System Cabinet, E5500 or E6500* *(R5) Factory installed inside a Sun StorEdge(TM)* *72-inch Cabinet* *Supported Host Bus Adapters on EX500 server w/ T3:* *- Sun StorEdge PCI Single Fibre Channel Network Adapter HBA, X6799A* ** PCI card with SAN capability* *- Sun StorEdge PCI Dual Fibre Channel Network Adapter HBA, X6727A* ** PCI card with SAN capability (Support Available: Q2FY02)* *- SBus Dual Fibre Channel HBA, X6730A* ** Cannot be used in a SAN configuration, does not support Switches* *T3 array can be used as a boot device. "Warm Booting" from the SBus* *(SOC+) is currently supported on Enterprise X500.*			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes

	Notes:
	
	1. *Rack mount rail kits are available in 4U for mounting a single array and 7U for mounting pairs of arrays. When ordering T3 arrays in X-Option rack ready configurations include the following:*
	Rack/Cabinet type RU Part Number
	-- 	
	StorEdge 72in cabinet 7U dual tray rack mount rail kit X9663A
	StorEdge 72in cabinet 4U single tray rack mount rail kit X9673A
	Sun Enterprise E5500/ 7U dual tray rack mount rail kit X9664A
	E6500 system cabinet
	Sun Enterprise E5500/ 4U dual tray rack mount rail kit X9674A
	E6500 system cabinet
	
	2. *The maximum amount of storage capacity using StorEdge T3 Arrays which can be connected to Sun Enterprise X500 is :*
	     Enterprise 3X00-6X00 can support up to :
	E3500 3 racks 15.6TB
	E4500 4 racks 20.8TB
	E5500 4 racks 20.8TB
	E6500 6 racks 31.2TB
	     Maximum capacity is based on 5.2TB per rack. One rack contains 8 trays of the Sun StorEdge T3s using 73GB drive configurations.
	
	3. *There are limitations when configuring the StorEdge T3 with 1GB cache controller into the server rack with the Sun Enterprise X500 servers. Here is the total number of the StorEdge T3 with 1GB cache controller that can be configured into a server rack with the EX500.*
	Rack Config T3-Enterprise T3-Workgroup
	-- 	
	E4503 w/ 400MHz CPU Modules = 3 T3BES-RR 6 T3BWG-RR
	E4503 w/ 464MHz CPU Modules = 3 T3BES-RR 6 T3BWG-RR
	E5503 w/ 400MHz CPU Modules = 2 T3BES-RR 4 T3BWG-RR
	E5503 w/ 464MHz CPU Modules = 2 T3BES-RR 4 T3BWG-RR
	E6503 w/ 400MHz CPU Modules = 1 T3BES-RR 3 T3BWG-RR
	E6503 w/ 464MHz CPU Modules = 0 0			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	Notes (Continued):			
	4. Original T3AES, T3ES, T3AWG, & T3WG Requirements:			
	E5500 & E6500			
	a) The E5X00/6X00 cabinet can support a max of two T3 arrays.			
	b) An EMI door is not allowed for the E5X00/E6X00 system cabinet with T3s.			
	c) If only a single T3 array is in the E5X00/6X00 cabinet, then following storage devices can also be configured in: *1 max A5200* *5 max A/D 1000 in E5X00, 4 in E6X00* *1 max A3500*			
	d) If ordering an x-option to be installed in the field, then the appropriate rail kit must be ordered			
	e) An air baffle (9629A) must be used when combining T3s and E5X00/6X00 in same cabinet.			
	E4500			
	a) There is a max of 6 T3s in a 72" cabinet with an E4500. There is a max of 4 T3s with 2 E4500s, and 2 with 3 E4500s.			
	b) No other storage devices can be configured in the cabinet if T3s are configured with the E4500.			
	c) An EMI door is required if combining E4500 and T3s in the same cabinet.			
	4.2.10.1 StorEdge T3 Rack Ready & Table Top, X-Options			
XT3BWG-RR-11-327	327GB Sun StorEdge T3BWG Rack Ready (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, 2 year standard warranty, SRS Ready, Standard Configuration			1, 2, 3
XT3BWG-TT-11-327	327GB Sun StorEdge T3BWG Table Top (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, 2 year standard warranty included, SRS Ready. Standard Configuration			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part
Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
XT3BES-TT-22-655	655GB Sun StorEdge T3BES Table Top includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2 year on-site warranty included, SRS Ready. Standard Configuration			2
XT3BES-RR-22-655	655GB Sun StorEdge T3BES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2 year on-site warranty included, SRS Ready, requires separately ordered rack mount rail kit.Std configuration.			1, 2, 3
T3BWG-RR-11-327R5	327GB Sun StorEdge T3BWG Rack Mountable in a StorEdge 72" Cabinet (sold separately) (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x15 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, 2 year standard warranty, SRS Ready			1, 2, 3
XT3BWG-TT-11-660	660GB Sun StorEdge T3BWG Table Top, 9 x 73.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, 2 year standard warranty, SRS Ready,			2
XT3BWG-RR-11-660	660GB Sun StorEdge T3BWG Rack Ready, 9 x 73.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x5 meter fibre optic cable, 2 power supplies w/internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, 2 year standard warranty included, SRS Ready.			1, 2, 3
T3BWG-RR-11-660R5	660GB Sun StorEdge T3BWG Rack Mountable in a StorEdge 72" Cabinet (sold separately), 9 x 73.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x15 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, 2 year standard warranty, SRS Ready			1, 2, 3
T3BES-RR-22-655R5	655GB Sun StorEdge T3BES Rack Mountable in a StorEdge 72" Cabinet (sold separately), includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, Native FC-AL connection, 2x15 meter fibre optic cables, 2 unit interconnect cables, installation and configuration, 2 year on-site warranty included, SRS Ready			1, 2, 3

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
XT3BES-TT-22-1321	1321GB Sun StorEdge T3BES Table Top includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2 year on-site warranty included, SRS Ready.			2
XT3BES-RR-22-1321	1321GB Sun StorEdge T3BES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2 year on-site warranty included, SRS Ready, requires separately ordered rack mount rail kit.			1, 2, 3
T3BES-RR-22-1321R5	1321GB Sun StorEdge T3BES Rack Mountable in a StorEdge 72" Cabinet (sold separately), includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 unit interconnect cables, installation and configuration, 2 year on-site warranty included, SRS Ready			1, 2, 3
XT3AES-TT-22-327	327GB Sun StorEdge T3ES Table Top includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 opper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2 year Sun Spectrum Gold Warranty, SRS Ready			2, 4
XT3AES-TT-22-655	655GB Sun StorEdge T3ES Table Top includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2 year Sun Spectrum Gold Warranty included, SRS Ready, Standard Configuration			2, 4
XT3AES-TT-22-1321	1321GB Sun StorEdge T3ES Table Top includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2 year Sun Spectrum Gold Warranty included, SRS Ready.			2, 4
XT3ES-TT-22-327	327GB Sun StorEdge T3ES Table Top includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meterfibre optic cables, 2 unit interconnect cables, 2 power cords installation and configuration, 2 year Sun Spectrum Gold, SRS Ready Standard Configurations			2, 4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
XT3ES-TT-22-655	655GB Sun StorEdge T3ES Table Topincludes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready Standard Configurations			2, 4
XT3ES-TT-22-1321	1321GB Sun StorEdge T3ES Table Top includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready.			2, 4
XT3AES-RR-22-327	327GB Sun StorEdge T3ES Rack Ready includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, requires separately ordered dual rack mount rail kit. 2yr Sun Spctrm Gld Warranty, SRS Ready			1, 2, 4
T3AES-RR-22-327R5	327GB Sun StorEdge T3ES Rack Ready includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, requires separately ordered dual rack mount rail kit. 2yr Sun Spctrm Gld Warranty, SRS Ready			2, 4
XT3AES-RR-22-655	655GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-ALdrives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2yr Sun Spctrm Gold Warranty incl, SRS Ready, requires separately ordered rack mount rail kit. Standard Configuration.			1, 2, 4
T3AES-RR-22-655R5	655GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2yr Sun Spctrm Gold Warranty incl, SRS Ready, requires separately ordered rack mount rail kit. Standard Configuration.			2, 4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part
Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
XT3AES-RR-22-1321	1321GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2yr Sun Spctrm Gold Warranty incl, SRS Ready, requires separately ordered rack mount rail kit			1, 2, 4
T3AES-RR-22-1321R5	1321GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2yr Sun Spctrm Gold Warranty incl, SRS Ready, requires separately ordered rack mount rail kit			2, 4
XT3ES-RR-22-327	327GB Sun StorEdge T3ES Rack Ready includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords, installation and configuration, requires separately ordered dual rack mount rail kit. 2 year Sun Spectrum Gold included, SRS Ready Standard Configurations			1, 2, 4
T3ES-RR-22-327R5	327GB Sun StorEdge T3ES Rack Ready includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords, installation and configuration, requires separately ordered dual rack mount rail kit. 2 year Sun Spectrum Gold included, SRS Ready Standard Configurations			2, 4
XT3ES-RR-22-655	655GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready, requires separately ordered rack mount rail kit. Standard Configurations			1, 2, 4
T3ES-RR-22-655GR4	655GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready, requires separately ordered rack mount rail kit. Standard Configurations			2, 4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3ES-RR-22-655R5	655GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready, requires separately ordered rack mount rail kit. Standard Configurations			2, 4
XT3ES-RR-22-1321	1321GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2yr Sun Spctrm Gold incl, SRS Ready, requires separately ordered rack mount rail kit, (Standard Configuration).			1, 2, 4
T3ES-RR-22-1321R5	1321GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, installation and configuration, 2yr Sun Spctrm Gold incl, SRS Ready, requires separately ordered rack mount rail kit, (Standard Configuration).			2, 4
XT3WG-TT-11-163	163GB Sun StorEdge T3WG Table Top (143-GB usable RAID 5 storage) 9 x 18.2GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready Standard Configurations			2, 4
XT3WG-TT-11-327	327GB Sun StorEdge T3WG Table Top (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready StandardConfigurations			2, 4
XT3WG-TT-11-660	660GB Sun StorEdge T3WG Table Top, 9 x 73.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready,			2, 4
XT3WG-RR-11-163	163GB Sun StorEdge T3WG Rack Ready (143-GB usable RAID 5 storage) 9 x 18.2GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready, requires separately ordered rack mount rail kit.			1, 2, 4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3WG-RR-11-163R5	163GB Sun StorEdge T3WG Rack Ready (143-GB usable RAID 5 storage) 9 x 18.2GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready, requires separately ordered rack mount rail kit.			2, 4
XT3WG-RR-11-327	327GB Sun StorEdge T3WG Rack Ready (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, SRS Ready			1, 2, 4
T3WG-RR-11-327R5	327GB Sun StorEdge T3WG Rack Ready (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, SRS Ready			2, 4
XT3WG-RR-11-660	660GB Sun StorEdge T3WG Rack Ready, 9 x 73.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, SRS Ready			1, 2, 4
T3WG-RR-11-660R5	660GB Sun StorEdge T3WG Rack Ready, 9 x 73.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, SRS Ready			2, 4
	4.2.10.2 StorEdge T3 Rack Ready - Factory Installed in system cabinet			
T3BWG-RR-11-327GR4	327GB Sun StorEdge T3BWG Rack Installed in E5500 or E6500 (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, 2 year standard warranty, SRS Ready			2, 3
T3BWG-RR-11-660GR4	660GB Sun StorEdge T3BWG Rack Installed in E5500 or E6500 9 x 73.4GB 10K RPM FC-AL drives, 1GB controller, preconfigured as one RAID 5 LUN (8+1), native FC-AL connection, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, 2 year standard warranty, SRS Ready			2, 3

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3BES-RR-22-655GR4	655GB Sun StorEdge T3BES Rack Installed in E5500 or E6500, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) pre-configured as two RAID 5 LUN's (8+1) (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x5 meter fibre optic cables, 2 unit interconnect cables, installation and configuration, 2 year on-site warranty included, SRS Ready			2, 3
T3BES-RR22-1321GR4	1321GB Sun StorEdge T3BES Rack Installed in E5500 or E6500, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x5 meter fibre optic cables, 2 unit interconnect cables, installation and configuration, 2 year on-site warranty included, SRS Ready			2, 3
T3AES-RR-22-327GR4	327GB Sun StorEdge T3ES Rack Ready includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, requires separately ordered dual rackmount rail kit. 2yr Sun Spctrm Gld Warranty, SRS Ready			2, 4
T3AES-RR-22-655GR4	655GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, (572-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 36.4GB 10K RPM FC-ALdrives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2yr Sun Spctrm Gold Warranty incl, SRS Ready, requires separately ordered rack mount rail kit. Standard Configuration.			2, 4
T3AES-RR22-1321GR4	1321GB Sun StorEdge T3ES Rack Ready, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 4 power cords, 2yr Sun Spctrm Gold Warranty incl, SRS Ready, requires separately ordered rack mount rail kit			2, 4
T3ES-RR-22-327GR4	327GB Sun StorEdge T3ES Rack Ready includes, 2 x T3 arrays configured in 1 partner group, (286-GB usable RAID 5 storage) preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB cache, 18 x 18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, 2 power cords, installation and configuration, requires separately ordered dual rack mount rail kit. 2 year Sun Spectrum Gold included, SRS Ready Standard Configurations			2, 4

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3ES-RR-22-1321GR4	1321GB Sun StorEdge T3ES Rack Installed in E5500 or E6500, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1) 2 RAID ctlrs, 256MB mirrored cache, 18 x 73.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapters, 2x5 meter fibre optic cables, 2 unit interconnect cables, installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready			2, 4
T3WG-RR-11-163GR4	163GB Sun StorEdge T3WG Rack Ready (143-GB usable RAID 5 storage) 9 x 18.2GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready, requires separately ordered rack mount rail kit.			2, 4
T3WG-RR-11-327GR4	327GB Sun StorEdge T3WG Rack Ready (286-GB usable RAID 5 storage) 9 x 36.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, requires separately ordered rack mount rail kit, SRS Ready			2, 4
T3WG-RR-11-660GR4	660GB Sun StorEdge T3WG Rack Installed in E5500 or E6500 9 x 73.4GB 10K RPM FC-AL drives, 1 RAID ctlr 256MB, preconfigured as one RAID 5 LUN (8+1), 1 copper FC-AL port, 1 copper-to-optic media interface adapter, 1x5 meter fibre optic cable, 2 power supplies w/ internal battery backup, 2 fans, 2 power cords, SRS Ready			2, 4
	4.2.10.3 StorEdge T3 Installed in a 72-inch Rack Cabinet			
XT3BES-RK-22-655	655GB Sun StorEdge T3BES includes, 2 x T3 arrays configured in 1 partner groups, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year on-site warranty included, SRS Ready, Std Configuration			2
XT3BES-RK-88-2620	2620GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner-groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year on-site warranty included, SRS Ready. Standard Configuration			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3BES-RK-22-655	655GB Sun StorEdge T3BES includes, 2 x T3 arrays configured in 1 partner groups, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year on-site warranty included, SRS Ready.			2
XT3BES-RK-22-1321	1321GB Sun StorEdge T3BES includes, 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year on-site warranty included, SRS Ready			2
T3BES-RK-22-1321	1321GB Sun StorEdge T3BES includes, 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year on-site warranty included, SRS Ready			2
T3BES-RK-88-2620	2620GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year on-site warranty included, SRS Ready.			2
XT3BES-RK-88-5284	5284GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year on-site warranty included, SRS Ready.			2
T3BES-RK-88-5284	5284GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year on-site warranty included, SRS Ready.			2
(X)T3AES-RK-22-328	327GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, 286-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), 18 x18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year on-site warranty included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)T3AES-RK-44-655	655GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), 36 x18.2GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 4x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RK-88-1310	1310.4GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 18.2GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72"StorEdge Expansion cabinet, fans and door included, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RK-44-1310	1310GB Sun StorEdge T3ES includes, 4 x T3 arrays configured in 2 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 36 x 36.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 4x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year Spectrum Gold Warranty included, SRS Ready, Standard Configuration			2
(X)T3AES-RK-88-2620	2620GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 36.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year Sun Spectrum Gold Warranty included, SRS Ready, Standard Configuration			2
(X)T3AES-RK-44-2642	2642GB Sun StorEdge T3ES includes, 4 x T3 arrays configured in 2 partner groups, preconfigured as four RAID 5 LUN's (8+1), 36 x 73.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 4x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion-cabinet, fans and door included, 2 year Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RK-88-5284	5284GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), 72 x 73.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 year Sun Spectrum Gold Warranty included, SRS Ready.			2
(X)T3ES-RK-44-655	655GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), 36 x 18.2GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 4x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)T3ES-RK-88-1310	1310.4GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 18.2GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year Sun Spectrum Gold included, SRS Ready Standard Configurations			2
(X)T3ES-RK-44-1310	1310GB Sun StorEdge T3ES includes, 4 x T3 arrays configured in 2 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 36 x 36.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration, 2 year Spectrum Gold included, SRS Ready			2
(X)T3ES-RK-88-2620	2620GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 36.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year Sun Spectrum Gold included, SRS Ready Standard Configurations			2
(X)T3ES-RK-44-2642	2642GB Sun StorEdge T3ES includes, 4 x T3 arrays configured in 2 partner groups, preconfigured as four RAID 5 LUN's (8+1), 36 x 73.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 4x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration, 2 year Spectrum Gold included, SRS Ready			2
(X)T3ES-RK-88-5284	5284GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), 72 x 73.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 8x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, installation and configuration 2 year Sun Spectrum Gold included, SRS Ready.			2
	4.2.10.4 StorEdge T3 Installed in a 72-inch Rack Cabinet with FC-AL Hubs			
XT3BES-RH-22-655	655GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, Native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year on-site warranty included, SRS Ready, Std Configuration			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
XT3BES-RH-88-2620	2620GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, install and configuration, 2yr on-site warranty included, SRS Ready. Standard Configuration			2
T3BES-RH-22-655	655GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, Native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year on-site warranty included, SRS Ready.			2
XT3BES-RH-22-1321	1321GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1 GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year on-site warranty included, SRS Ready			2
T3BES-RH-22-1321	1321GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1 GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year on-site warranty included, SRS Ready			2
T3BES-RH-88-2620	2620GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, install and configuration, 2yr on-site warranty included, SRS Ready.			2
XT3BES-RH-88-5284	5284GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and doorincluded, 2 hubs with 5 GBIC's each, installation and configuration 2 year on-site warranty included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3BES-RH-88-5284	5284GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and doorincluded, 2 hubs with 5 GBIC's each, installation and configuration 2 year on-site warranty included, SRS Ready			2
(X)T3AES-RH-22-328	327GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner groups, 286-GB usable RAID 5 storage preconfigured as two RAID 5 LUN's (8+1), 18 x18.2GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year on-site warranty included, SRS Ready			2
(X)T3AES-RH-44-655	655GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), 36 x18.2GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RH-88-1310	1310GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 18.2GB 10K RPM FCAL drives, 8 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72"StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RH-44-1310	1310GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 36 x 36.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year Spectrum Gold Warranty included, SRS Ready, Standard Configuration			2
(X)T3AES-RH-88-2620	2620GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 36.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready, Standard Configuration			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)T3AES-RH-44-2642	2642GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, preconfigured as four RAID 5 LUN's (8+1), 36 x 73.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, 2 year Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RH-88-5284	5284GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), 72 x 73.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and doorincluded, 2 hubs with 5 GBIC's, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3ES-RH-44-655	655GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, 572-GB usable RAID 5 storage preconfigured as four RAID 5 LUN's (8+1), 36 x 18.2GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready			2
(X)T3ES-RH-88-1310	1310.4GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 18.2GB 10K RPM FCAL drives, 8 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, installation and configuration, 2 year Sun Spectrum Gold included, SRS Ready			2
(X)T3ES-RH-44-1310	1310GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, 1144-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 36 x 36.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, installation and configuration, 2 year Spectrum Gold included, SRS Ready			2
(X)T3ES-RH-88-2620	2620GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, 2312-GB usable RAID 5 storage preconfigured as eight RAID 5 LUN's (8+1), 72 x 36.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, installation and configuration 2 year Sun Spectrum Gold included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)T3ES-RH-44-2642	2642GB Sun StorEdge T3ES, includes 4 x T3 arrays configured in 2 partner groups, preconfigured as four RAID 5 LUN's (8+1), 36 x 73.4GB 10K RPM FC-AL drives, 4 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, 2 hubs with 5 GBIC's each, installation and configuration, 2 year Spectrum Gold included, SRS Ready			2
(X)T3ES-RH-88-5284	5284GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner groups, preconfigured as eight RAID 5 LUN's (8+1), 72 x 73.4GB 10K RPM FC-AL drives, 8 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 8 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and doorincluded, 2 hubs with 5 GBIC's each, installation and configuration 2 year Sun Spectrum Gold included, SRS Ready			2
	4.2.10.5 StorEdge T3 Installed in a 72-inch Rack Cabinet with FC-AL Switches			
XT3BES-RS-22-655	655GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (8)1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in a 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year on-site warranty included, SRS Ready, Standard Configuration			2
XT3BES-RS-88-2620	2620GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, installation and configuration, 2 year on-site warranty included, SRS Ready. Standard Configuration			2
T3BES-RS-22-655	655GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (8)1GB controllers, 18 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in a 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year on-site warranty included, SRS Ready.			2
XT3BES-RS-22-1321	1321GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year on-site warranty included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
T3BES-RS-22-1321	1321GB Sun StorEdge T3BES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), (2) 1GB controllers, 18 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year on-site warranty included, SRS Ready			2
T3BES-RS-88-2620	2620GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 36.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, installation and configuration, 2 year on-site warranty included, SRS Ready.			2
XT3BES-RS-88-5284	5284GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre-optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, installation and configuration, 2 year on-site warranty included, SRS Ready.			2
T3BES-RS-88-5284	5284GB Sun StorEdge T3BES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), (8) 1GB controllers, 72 x 73.4GB 10K RPM FC-AL drives, native FC-AL connection, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, installation and configuration, 2 year on-site warranty included, SRS Ready.			2
(X)T3AES-RS-22-327	327GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), 18 x 18.2GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in a 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RS-88-1310	1310GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), 72 x 18.2GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)T3AES-RS-22-655	655GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), 18 x 36.4GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in a 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready, Standard Configuration			2
(X)T3AES-RS-88-2620	2620GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), 72 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready (Standard Configuration)			2
(X)T3AES-RS-22-1321	1321GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), 18 x 73.4GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3AES-RS-88-5284	5284GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), 72 x 73.4GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3ES-RS-22-327	327GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), 18 x 18.2GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in a 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3ES-RS-88-1310	1310GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), 72 x 18.2GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
(X)T3ES-RS-22-655	655GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), 18 x 36.4GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in a 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready, Std Configuration			2
(X)T3ES-RS-88-2620	2620GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), 72 x 36.4GB 10K RPM FC-AL drives, 2 copper-to-optic media interface adapter, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready (Standard Configuration)			2
(X)T3ES-RS-22-1321	1321GB Sun StorEdge T3ES, includes 2 x T3 arrays configured in 1 partner group, preconfigured as two RAID 5 LUN's (8+1), 18 x 73.4GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 2 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
(X)T3ES-RS-88-5284	5284GB Sun StorEdge T3ES, includes 8 x T3 arrays configured in 4 partner group, preconfigured as eight RAID 5 LUN's (8+1), 72 x 73.4GB 10K RPM FC-AL drives, 2x15 meter fibre optic cables, 4 Unit Interconnect cables, installed in one 72" StorEdge Expansion cabinet, fans and door included, two 8 port FC switches with 5 GBIC's each, 2 year Sun Spectrum Gold Warranty included, SRS Ready			2
	4.3 Tape Options for Expansion Cabinets:			
	4.3.1 StorEdge Libraries: *a. StorEdge Library connects to the host system through any of the supported single ended SCSI host adapters. b. Up to two SPARCstorage Libraries are supported per SCSI interface. c. Each ETL library needs its own Differential SCSI channel. For maximum performance, it is recommended to have one Differential SCSI channel per drive on the library when compression is active (2:1 ratio an higher). d. The recommendation is to suggest 8-mm tape libraries for capacities up to 1 TB (2 or 3 400-GB SPARCstorage Library). Though we support up to 5 libraries on the Ultra Enterprise 6X00 for capacities of up to 4 TB (with compression), DLT libraries are recommended above 1 TB.*			
X847A	StorEdge Library, 140-Gbyte, 1 Tape Drive, Tower, light grey	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U
X849A	StorEdge Library, 140-Gbyte, 1 Tape Drive, Rack, light grey	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U
X867A	StorEdge Library, 140-Gbyte, 2 Tape Drives, Tower, light grey	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U
X868A	StorEdge Library, 140-Gbyte, 2 Tape Drives, Rack, light grey	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers _(Continued)_

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X6221A	StorEdge Library, 1 Tape Drive, Rack Mount, Enterprise Grey	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U
X6222A	StorEdge Library, 2 Tape Drive, Rack Mount, Enterprise Grey	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U
X6226A	StorEdge Library, Model L400, 400-Gbyte	9 / 9 / 4 / 4	9 / 9 / 4 / 4	
X6228A	StorEdge Library, Model L140, 140-Gbyte, Rack, 1 drive	9 / 9 / 4 / 4	9 / 9 / 4 / 4	U
X6072A	ETL4/1000 Tape Library 1.04 TB .5" DLT4000 drives	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6073A	ETL2/1800 Tape Library 1.82 TB .5" DLT7000 drives (2)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6074A	ETL4/1800 Tape Library 1.82 TB .5" DLT7000 drives (4)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6075A	ETL 7/3500 Tape Library 7.0 TB .5" DLT7000 drives (2)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6076A	ETL 7/3500 Tape Library 7.0 TB .5" DLT7000 drives (4)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6077A	Sun StorEdge L1800, two-drive base configuration	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6078A	Sun StorEdge L1800, (four-drive base configuration)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	U
X6079A	Sun StorEdge L3500, (two-drive configuration)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	
X6080A	Sun StorEdge L3500, (seven-drive configuration)	6 / 3 / 3 / 2	6 / 3 / 3 / 2	
SG-XLIB8MM1-400G	SPARCstorage Library 8/400, 400Gbyte (Sun Storage L400 - tower)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XTAP8MM-400G	Internal single drive upgrade for 400GB StorEdge L400 single drive version	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XLIBDLT1-280G	Sun StorEdge L280 (.5" DLT7000 [Desktop Autoloader] Rialto)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XLIBDLT2-280G	Sun StorEdge L280 (.5" DLT7000 [Rackmount Autoloader] Rialto)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XLIBDLT1R-2	Sun StorEdge L1800 with two DLT7000 tape drives, 52 slots			
SG-XLIBDLT4-1TB-2	Sun StorEdge L1000, (four-drive configuration, deskside tape library)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XLIBDLT4R-1TB-2	Sun StorEdge L1000, (four-drive configuration, rack-mountable tape library)	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XLIB8MMB-400G	400-800 GByte 8mm StorEdge L400 Tower version with 1-drive	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XLIB8MMC-400G	400-800 GByte 8mm StorEdge L400, Rack-mountable with 1-drive	4 / 4 / 4 / 4	4 / 4 / 4 / 4	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XLIBDLT1-1TB-2	StorEdge L1000 Deskside Tape Library w/1 DLT7000 Tape	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
SG-XLIBDLT4-1TB-2	StorEdge L1000 Deskside Tape Library w/4 DLT7000 Tapes	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
SG-XLIBDLT1R-1TB-2	StorEdge L1000 Rack-mountable Tape Library w/1 DLT7000 Tape	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
SG-XLIBDLT4R-1TB-2	StorEdge L1000 Rack-mountable Tape Library w/4 DLT7000 Tapes	2 / 2 / 2 / 2	2 / 2 / 2 / 2	
SG-XLIBDLT4-11TB	Sun StorEdge L11000 four-drive configuration			
SG-XLIBDLT16-11TB	Sun StorEdge L11000 16-drive configuration			
SG-XTAPDLT2-11TB	Two-drive upgrade Kit for Sun StorEdge L11000			
SG-XLIBL700-BASE	L700 Library Base Config. 396 cartridge slots, zero drives, one drive tower (for drives 1-6) INSTALLATION INCLUDED!!!			
SG-XLIBL700-BASE2	StorEdge L700 library base configuration with 228 slots. Empty library does not include drives.			
SG-XCTXP180A-L700	168 slot plastic magazine kit which expands base configuration from 228 to 396 slots.			
SG-XLIB9840-DRV	StorEdge 9840 SCSI Tape Drive for the L700 INSTALLATION INCLUDED!!!			
SG-XMED9840-20	20, 9840 media cartridges for the L700 tape library			
SG-XLIBDLT71-L20	DLT7000-Based library, deskside, 1Drive, 20 Cartridge			
SG-XLIBDLT71R-L20	DLT7000-Based library, rackmound, 1Drive, 20 Cartridge			
SG-XLIBDLT72-L20	DLT7000-Based library, deskside, standard configurations, 2 Drive, 20 Cartridge			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XLIBDLT72R-L20	DLT7000-Based library, rackmount, standard configurations, 2 Drive, 20 Cartridge			
SG-XLIBDLT72-L40	DLT7000-Based library, deskside, standard configurations, 2 Drive, 40 Cartridge			
SG-XLIBDLT72R-L40	DLT7000-Based library, rackmount, standard configurations, 2 Drive, 40 Cartridge			
SG-XLIBDLT74R-L60	DLT7000-Based library, rackmount, standard configurations, 4 Drive, 60 Cartridge			
SG-XTAPDLT7-L20	DLT7000 drive - L20 Library			
SG-XLIBL180-BASE	L180 base unit with 80 cartridges, No drives	1 / 1 / 1 / 1	1 / 1 / 1 / 1	
SG-XCTXP100A-L180	100 cartridge expansion from 80 to 180 cartridges			
SG-XTAPDLT7-DRV	DLT7000 drive option for the L180 and L700 (1 drive)			
	4.3.2 FlexiPack Removable Storage Trays (FRST-Victoria): *1. Victoria MTBT considerations:* *a. Each tray will support 2 FlexiPacks. Each rack will support 4 trays.* *b. 8900 (Mammoth) FlexiPacks come with two half height tape drives. A 16 tape drive configuration would require 8 FlexiPacks and 4 trays.* *c. MLR-3 option (if offered) will come with one half height tape drive. A 16 tape configuration would require 16 FlexiPacks and 8 trays.* *d. All other FlexiPack options will come with one full height tape drive. A 16 tape configuration would require 16 FlexiPacks and 8 trays.* *5. This peripheral can occupy 4 rack units of the following rack types/capacities. .* *a. The 56" expansion cabinet (old dragon) has a 28 rack unit capacity* *b. The 56" expansion cabinet (old sunfire) has a 28 rack unit capacity.* *c. The 68" expansion cabinet (new sunfire) has a 35 rack unit capacity.*			
X9640A	FlexiPack Removable Storage Tray (System)	As needed	As needed	U
X9641A	FlexiPack Removable Storage Tray (Expansion)	As needed	As needed	
X6059A	20/40 GB .5" DLT4000 Tape Drive in FlexiPack for FRST	16 / 16 / 16 / 16	16 / 16 / 16 / 16	U
X6062A	35/70 GB .5" DLT7000 Tape Drive in FlexiPack for FRST	16 / 16 / 16 / 16	16 / 16 / 16 / 16	
X6122A	25 GB .25" MLR3 Tape Drive in FlexiPack for FRST	16 / 16 / 16 / 16	16 / 16 / 16 / 16	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X6237A	20-40 GB 8900 (Mammoth) Tape Drives (2) in FlexiPack for FRST	8 / 8 / 8 / 8	8 / 8 / 8 / 8	U
X6294A	72/144 GB 4mm DDS-3(AL) Tape Autoloader in FlexiPack for FRST	16 / 16 / 16 / 16	16 / 16 / 16 / 16	U
SG-XTAP4MM-020A	4/8-Gbyte 4mm DDS-2 FlexiPack	- / - / 4 / 4	- / - / 4 / 4	U
SG-XTAP4MM-021A	12-24GB 4mm DDS-3 in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XTAP4MM-031A	72-144GB 4mm DDS-3 Autoloader in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XTAP8MM-020A	7-14GB 8mm drive in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XTAP8MM-021A	20-40GB 8mm drive in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XTAPDLT-020A	20-40GB DLT4000 in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
SG-XTAPDLT-021A	35-70GB DLT7000 in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	
SG-XTAPSLR-020A	4-8GB SLR tape drive in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
SG-XTAPMLR-320A	25-50GB MLR tape drive in a FlexiPack Desktop Enclosure	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
	4.3.3 Multi-Tape Backup Trays: 1. *Multi-Tape Backup Tray (MTBT) considerations:* a. *When 4 or 8mm Tape, or DLT options are installed in the Expansion Cabinet, the MTBT must be used.* b. *Up to two MTBTs in any combination are supported per Data Center Expansion Cabinet.* c. *All MTBTs for Enterprise X000 systems or Expansion Cabinets require a 68-pin SCSI connector that can be SWIS/S, SunSwift or Enterprise 3000-6000 I/O Board (restrictions apply)* d. *Each MTBT can support up to 4 tape drives.* e. *The only removable media devices supported in an MTBT are 5.0-Gbyte and higher capacity 8mm and 4 mm tape drives, 4mm AutoLoader, and DLT. DLT AutoLoader, 2.3-Gbyte 8mm Tape Drives, 150MB QIC Tape Drives, and CD-ROM drives are not supported in MTBTs.* f. *Daisy-chain cabling of a differential disk tray to a MTBT is not supported.* g. *One MTBT occupies the equivalent space of two SCSI Disk Trays.*			
X816A	Multi-Tape Backup Tray with 2 x 5-Gbyte 8mm Tape Backup Drives	4	4	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X811A	5-Gbyte 8mm Tape Backup Drive for the MTBT	16	16	U
X836A	Multi-Tape Backup Tray with 1 x 10-Gbyte 8mm Tape Backup Drive	4	4	U
X831A	10-Gbyte 8mm Tape Backup Drive for the MTBT	16	16	U
X6205A	Multi-Tape Backup Tray with 1 x 14-Gbyte 8mm Tape Backup Drives (Enterprise Grey)	4	4	U
X6204A	14-Gbyte 8mm Tape Backup Drive for the MTBT (Enterprise Grey)	16	16	U
X846A	MTBT with 1 x 14 GB 8 mm Tape Drive	4	4	U
X826A	20-Gbyte 4mm Autoloader Data Center Tray	4	4	U
X841A	14-GB 8mm Tpae drive for the MTBT	16	16	U
X6274A	MTBT with 1 x 16-32 GB 4mm DDS-2 Autoloader	4	4	U
X6258A	Multi-Tape Backup Tray with 1 x 4-8-Gbyte 4mm DDS-2 Tape Backup Drive	4	4	U
X6257A	4-8-Gbyte 4mm DDS-2 Tape Backup Drive for the MTBT	16	16	U
X6273A	16-32 GB 4mm DDS-2 Autoloader for the MTBT	16	16	U
X826A	Multi-Tape Backup Tray with 1 x 20-Gbyte 4mm Tape Autoloaders	4	4	U
X825A	20-Gbyte 4mm Tape Backup Autoloaders for the MTBT	16	16	U
X6276A	Multi-Tape Backup Tray with 1 x 16-32-Gbyte 4mm DDS2 Autoloader (Enterprise Grey)	4	4	U
X6275A	16-32 Gbyte 4mm DDS2 Autoloader for the MTBT (Enterprise Grey)	16	16	U
X6292A	Multi-Tape Backup Tray with 72-144 GB 4mm DDS-3 Autoloader	4	4	U
X6293A	72-144 GB 4mm DDS-3 Autoloader for the MTBT	16	16	U
X6056A	Multi-Tape Backup Tray with 1 x DLT4000 Tape Backup Drive (Enterprise Grey)	4	4	U
X6055A	DLT4000 Tape Backup Drive for the MTBT (Enterprise Grey)	16	16	U
X6054A	MTBT with 1 x DLT4000 drive	4	4	U
	4.3.4 Other Rackmount Tape Options:			
X685A	Front-Load 1/2-inch Tape Drive with 4-meter SCSI-2 to Centronics connector cable	-	-	U
	4.4 SCSI Expansion Pedestal and Differential SCSI Expansion Pedestal Options: *1. All SCSI Expansion Pedestals and Differential SCSI Expansion Pedestals are unsupported on Enterprise XX00 Server.*			
X559L	Internal SunCD	-	-	U
X802L	Internal 2.3-Gbyte 8mm Tape Backup Drive	-	-	U
X812L	Internal 5.0-Gbyte 8mm Tape Backup Drive	-	-	U

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Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

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Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.4.1 Single-ended SCSI disk storage options:			
X750A	2 x 1.3-Gbyte SCSI-2 Disks in SCSI Expansion Pedestal	-	-	U
X756A	2 x 1.3-Gbyte SCSI-2 Disks with Tray for an existing SCSI Expansion Pedestal	-	-	U
X572A	1.3-Gbyte SCSI-2 Disk for SCSI Expansion Pedestal	-	-	U
	4.4.2 Differential SCSI disk storage options:			
X762A	2 x 2.1-Gbyte Fast Differential SCSI-2 Disks in SCSI Expansion Pedestal (1 disk tray)	-	-	U
X764A	4 x 2.1-Gbyte Fast Differential SCSI-2 Disks for SCSI Expansion Pedestal with 5.0-Gbyte 8mm Tape (2 disk trays)	-	-	U
X763A	2 x 2.1-Gbyte Fast Differential SCSI-2 Disks with tray for SCSI Expansion Pedestal	-	-	U
X575A	2.1-Gbyte Fast Differential SCSI-2 Disk	-	-	U
	4.5 Desktop Peripheral Options: 1. *A maximum of 7 disk drives or 7 CD-ROM drives can be addressed per 8-bit (narrow) SCSI interface or a maximum of 15 disks per 16-bit (wide) SCSI interface* 2. *The total SCSI cable length per single-ended SCSI interface should not exceed 6 meters.* 3. *Tape Drive support limitations:* *a. A maximum of 2 tape drives can be addressed per SCSI interface when there are disk drives connected to the interface.* *b. If there are no other SCSI devices on the interface, up to 7 tape drives are supported per SCSI interface.* *c. The maximum number of tape drives per system is limited by the number of single-ended SCSI interfaces (embedded on the motherboard and SBus-based SCSI controllers) installed in the system configuration.* 4. *Active Terminators must be used with all Desktop Disk Packs and Desktop Storage Modules, and subsequent SCSI devices* 5. *Enterprise XX00 Server I/O Boards have a wide SCSI connector (68-pin). Attaching any narrow (50-pin) SCSI-devices external to the system requires either a separate SBus card with a narrow connector or a SCSI3-to-SCSI2 adapter.* 6. *Desktop Peripheral Options are only supported on the Enterprise 3X00 and 4X00 servers. They are not supported on the Enterprise 5X00 and 6X00 servers.*			

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.5.1 Unipack Options: 1. *Unipack is a single device enclosure. It accommodates a 5.25-inch form factor 1.6-inch high tape or CDROM with standard connector, or a 3.5-inch form factor 1.6-inch or 1-inch high disk drive with single connector attachment within the enclosure.* 2. *Unipack has wide SCSI connectors (68-pin) with internal, intelligent termination able to handle daisy-chaining with narrow SCSI devices through the use of a passive 50-to-68-pin adapter cable. Narrow SCSI devices must be at the end of the daisy-chain.* 3. *This is a 1.6-inch high device* 4. *This is a 4x speed CDROM*			
X5101A	1.05-Gbyte Fast Wide SCSI-2 Disk, 68 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X5102A	1.05-Gbyte Fast Wide SCSI-2 Disk, 50 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X5151A	2.1-Gbyte Fast Wide SCSI-2 Disk, 7200RPM, 68 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X5152A	2.1-Gbyte Fast Wide SCSI-2 Disk, 7200RPM, 50 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X5103A	4.2-Gbyte Fast Wide SCSI-2 Disk, 5400RPM, 68 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	3,U
X5104A	4.2-Gbyte Fast Wide SCSI-2 Disk, 5400RPM, 50 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	3,U
X5209A	4.2-GB F/W SCSI-2 Disk, 7200 RPM, 68 to 68 pin SCSI Cable			U
X5213A	4.2-GB F/W SCSI-2 Disk, 7200 RPM, 50 to 68 pin SCSI Cable			U
X5253A	9.1 GB F/W SCSI-2 Disk, 7200 RPM, 68 to 68 pin SCSI Cable			3, U
X5254A	9.1 GB F/W/ SCSI-2 Disk, 7200 RPM, 50 to 68 pin SCSI Cable			3, U
X6151A	SunCD4, 68 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X6152A	SunCD4, 50 to 68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X6101A	2.5-Gbyte QIC Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6102A	2.5-Gbyte QIC Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6201A	14.0-Gbyte 8mm Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6202A	14.0-Gbyte 8mm Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6251A	2/4-Gbyte 4mm Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6252A	2/4-Gbyte 4mm Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6253A	4/8-Gbyte 4mm DDS2 Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6254A	4/8-Gbyte 4mm DDS2 Tape	- / - / 4 / 4	- / - / 4 / 4	U
X6280A	12-24 Gbyte 4 mm DDS-3 tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6281A	12-24 GB 4 mm DDS-3 tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6261A	4-8 GB 4 mm DDS-2 tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X6262A	4/8-Gbyte 4mm DDS-2 CRTape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6208A	14 GB 8 mm tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6209A	14 GB 8 mm tape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6157A	Sun CD12, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6158A	SunCD12, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6230A	20 GB 8 mm tape, UniPack with 68-pin to 68-pin SCSI cable	- / - / 4 / 4	- / - / 4 / 4	U
X6231A	20 GB 8 mm tape, UniPack with 50-pin to 68-pin SCSI cable	- / - / 4 / 4	- / - / 4 / 4	U
SG-XDSK010A -4G	4.2-Gbyte Ultra SCSI-2 Disk, 7200RPM	- / - / 4 / 4	- / - / 4 / 4	U
SG-XDSK010A -9G	9.1-Gbyte Ultra SCSI-2 Disk, 7200RPM	- / - / 4 / 4	- / - / 4 / 4	U
SG-XDSK010B -18G	18.2-Gbyte UltraSCSI-2 Disk, 7200RPM	- / - / 4 / 4	- / - / 4 / 4	U
SG-XDSK010C -9G	9.1-Gbyte Ultra SCSI-2 Disk, 10000RPM	- / - / 4 / 4	- / - / 4 / 4	
SG-XDSK010C -18G	18.2-Gbyte Ultra SCSI-2 Disk, 10000RPM	- / - / 4 / 4	- / - / 4 / 4	
SG-XDSK010C- 36G	36.4-Gbyte 10000 RPM StorEdge UniPack (Standard Configuration)	- / - / 4 / 4	- / - / 4 / 4	
SG-DSK010C- 18G	18.2-GBYTE 10K RPM StorEdge UniPack	- / - / 4 / 4	- / - / 4 / 4	
SG-XOPTCD- 010A	SunCD32	- / - / 4 / 4	- / - / 4 / 4	U
SG-XTAPSLR -010A	4/8-Gbyte .25" SLR5 Tape Drive in a UniPack desktop enclosure.	- / - / 4 / 4	- / - / 4 / 4	U
SG- XTAPMLR -310A	25-Gbyte 1/4" MLR Tape	- / - / 4 / 4	- / - / 4 / 4	U
SG-XTAP4MM- 010A	4/8-Gbyte 4mm DDS-2 Tape	- / - / 4 / 4	- / - / 4 / 4	U
SG-XTAP4MM- 011A	12/24-Gbyte 4mm DDS-3 Tape	- / - / 4 / 4	- / - / 4 / 4	
SG-XTAP8MM- 010A	14-Gbyte 8mm 8705XL Tape	- / - / 4 / 4	- / - / 4 / 4	
SG-XTAP8MM- 011A	20/40-Gbyte 8mm 8900 (Mammoth) Tape	- / - / 4 / 4	- / - / 4 / 4	

The table has columns: Order #, Description, Max Qty 65/55/45/3500, Max Qty 6/5/4/3000, Notes.

Table 1

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XTAP4MM-012A	20GB 4mm DDS-4 in a UniPack desktop enclosure	- / - / 4 / 4	- / - / 4 / 4	
SG-XMED4MMDDS410	4mm 190-meter DDS-4 tapes, package of 10			
	4.5.2 FlexiPack Options: 1. *FlexiPack is a single device full height enclosure.* 2. *FlexiPack has wide SCSI connectors (68-pin) with internal, intelligent termination able to handle daisy-chaining with narrow SCSI devices through the use of a passive 50-to-68-pin adapter cable. Narrow SCSI devices must be at the end of the daisy-chain*			
X6159A	SunCD 12, 68-68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X6160A	SunCD 12, 50-68 pin SCSI Cable	- / - / 4 / 4	- / - / 4 / 4	U
X6166A	SunCD 32 internal CD-ROM drive	- / - / - / -	- / - / - / -	
X6110A	4/8-Gbyte .25" SLR Tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6111A	4/8-Gbyte .25" SLR Tape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6107A	4-Gbyte SLR5 internal , Tape Drive (Internal Tape option for for Servers)	- / - / 4 / 4	- / - / 4 / 4	U
X6290A	72/144-Gbyte 4mm DDS-3 Tape Autoloader, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6291A	72/144-Gbyte 4mm DDS-2 Tape Autoloader, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6057A	20/40GB .5" Digital Linear Tape, DLT4000 tape FlexiPack with 68-pin to 68-pin SCSI cable	- / - / 4 / 4	- / - / 4 / 4	U
X6058A	20/40GB .5" Digital Linear Tape (DLT4000), 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6263A	4/8-Gbyte 4mm DDS-2 CR Tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6264A	4/8-Gbyte 4mm DDS-2 CR Tape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6284A	12/24-Gbyte 4mm DDS-3 Tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6282A	12/24-Gbyte 4mm DDS-3 Tape (Drive Only) desktop	- / - / 4 / 4	- / - / 4 / 4	
X6285A	12/24-Gbyte 4mm DDS-3 Tape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6210A	7/14-Gbyte 8mm 8705XL CR Tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6211A	7/14-Gbyte 8mm 8705XL CR Tape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6212A	7/14-Gbyte 8mm 8705XL Tape (Drive Only)	- / - / 4 / 4	- / - / 4 / 4	
X6232A	20/40-Gbyte 8mm 8900 (Mammoth) FlexiPack with 68-pin to 68-pin SCSI cable	- / - / 4 / 4	- / - / 4 / 4	U
X6233A	20/40-Gbyte 8mm 8900 (Mammoth) Tape FlexiPack with 50-pin to 68-pin SCSI cable	- / - / 4 / 4	- / - / 4 / 4	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X6236A	20/40-Gbyte 8mm 8900 (Mammoth) Tape (Drive Only)	- / - / 4 / 4	- / - / 4 / 4	
X6060A	35/70-Gbyte .5" DLT7000 Tape, 68-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
X6061A	35/70-Gbyte .5" DLT7000 Tape, 50-68 pin	- / - / 4 / 4	- / - / 4 / 4	U
SG-XTAP4MM-020A	4/8-Gbyte 4mm DDS-2 FlexiPack	- / - / 4 / 4	- / - / 4 / 4	U
SG-XTAP4MM-021A	12-Gbyte 4mm DDS-3 FlexiPack	- / - / 2 / 2	- / - / 2 / 2	
SG-XTAP4MM-031A	72-Gbyte 4mm DDS-3 FlexiPack	- / - / 2 / 2	- / - / 2 / 2	
SG-XTAP8MM-020A	7-Gbyte 8mm FlexiPack	- / - / 2 / 2	- / - / 2 / 2	
SG-XTAP8MM-021A	20-Gbyte 8mm FlexiPack	- / - / 2 / 2	4 / 4 / 2 / 2	
SG-XTAPDLT-021A	35-Gbyte DLT7000 FlexiPack	- / - / 2 / 2	- / - / 2 / 2	
	4.5.3 MultiPack Options: *1. MultiPack is a multi-disk enclosure. It accommodates up to 12 3.5-inch form factor 1-inch or up to 6 3.5-inch form factor 1.6-inch high disk drives with single connector attachments* *2. MultiPack has wide SCSI connectors (68-pin) with internal, intelligent termination able to handle daisy-chaining with narrow SCSI devices through the use of a passive 50-to-68-pin adapter cable. Narrow SCSI devices must be at the end of the daisy-chain.* *3. A 0.8meter SCSI cable is included. An optional 2 meter SCSI Cable (X920A) is recommended to allow proper physical placement.*			
X5501A	MultiPack, 2x4.2-Gbyte (68pin to 68pin SCSI Cable), 5400 RPM	- / - / 8 / 8	- / - / 8 / 8	U,3
X5502A	MultiPack, 4x4.2-Gbyte (68pin to 68pin SCSI Cable), 5400 RPM	- / - / 8 / 8	- / - / 8 / 8	U,3
X5503A	MultiPack, 6x4.2-Gbyte (68pin to 68pin SCSI Cable), 5400 RPM	- / - / 8 / 8	- / - / 8 / 8	U,3
X5511A	MultiPack, 2x2.1-Gbyte (68pin to 68pin SCSI Cable), 5400 RPM	- / - / 8 / 8	- / - / 8 / 8	U,3
X5512A	MultiPack, 6x2.1-Gbyte (68pin to 68pin SCSI Cable), 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5513A	MultiPack, 12x2.1-Gbyte (68pin to 68pin SCSI Cable), 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5514A	MultiPack, 2x4.2-GB (68pin to 68pin SCSI Cable), 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5515A	MultiPack, 6x4.2GB (68pin to 68pin SCSI Cable), 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5516A	MultiPack, 12 x 4.2GB (68pin to 68pin SCSI Cable), 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5153A	MultiPack Expansion Disks, 2.1-Gbyte, 7200RPM	As needed	As needed	U.3
X5210A	MultiPack Expansion Disks, 4.2-Gbyte, 5400 RPM	As needed	As needed	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X5504A	MultiPack, 2 x 9.1 GB, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5505A	MultiPack, 4 x 9.1GB, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5506A	MultiPack, 6 X 9.1GB, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U.3
X5214A	MultiPack UltraSCSI Expansion Disks, 4.2-Gbyte, 7200RPM	As needed	As needed	U
X5229A	MultiPackUltraSCSI Expansion Disks, 9.1-Gbyte, 7200RPM	As needed	As needed	U
X5232A	MultiPack UltraSCSI Expansion Disks, 18.2-Gbyte, 7200RPM	As needed	As needed	U
X5233A	MultiPack UltraSCSI Expansion Disks, 18.2-Gbyte, 7200RPM, w/barrier plate	As needed	As needed	U
X5234A	MultiPack UltraSCSI Expansion Disks, 9.1-Gbyte, 10000RPM	As needed	As needed	
SG-XDSK020A-8G	MultiPack with 8.4 GB (2 x 4.2-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK040A-16G	MultiPack with 16.8 GB (4 x 4.2-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK060A-25G	MultiPack with 25.2 (6 x 4.2-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK020A-18G	MultiPack with 18.2 GB (2 x 9.1-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK040A-36G	MultiPack with 36.4 GB (4 x 9.1-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK060A-54G	MultiPack with 54.6 (6 x 9.1-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK020B-36G	MultiPack with 36.2 GB (2 x 18.2-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK040B-72G	MultiPack with 72.8 GB (4 x 18.2-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK060B-109G	MultiPack with 109.2 (6 x 18.2-Gbyte) Ultra SCSI-2 disks, 7200 RPM	- / - / 8 / 8	- / - / 8 / 8	U
SG-XDSK020C-18G	MultiPack with 18.2 (2 x 9.1-Gbyte) Ultra SCSI-2 disks, 10000 RPM	- / - / 8 / 8	- / - / 8 / 8	
SG-XDSK020C-36G	MultiPack with 36.4 (2 x 18.2-Gbyte) Ultra SCSI-2 disks, 10000 RPM	- / - / 8 / 8	- / - / 8 / 8	
SG-XDSK040C-36G	MultiPack with 36.4 (4 x 9.1-Gbyte) Ultra SCSI-2 disks, 10000 RPM	- / - / 8 / 8	- / - / 8 / 8	
SG-XDSK040C-72G	MultiPack with 72.8 (4 x 18.2-Gbyte) Ultra SCSI-2 disks, 10000 RPM	- / - / 8 / 8	- / - / 8 / 8	
SG-XDSK060C-54G	MultiPack with 54.6 (6 x 9.1-Gbyte) Ultra SCSI-2 disks, 10000 RPM	- / - / 8 / 8	- / - / 8 / 8	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
SG-XDSK060C-109G	MultiPack with 109.2 (6 x 18.2-Gbyte) Ultra SCSI-2 disks, 10000 RPM	- / - / 8 / 8	- / - / 8 / 8	
SG-XDSK060C-218G	218.4-Gbyte (6 x 36.4GB) 10000 RPM StorEdge MultiPack (Standard Configuration)	- / - / 4 / 4	- / - / 4 / 4	
SG-XDSK020C-72G	72.8-Gbyte (2 x 36.4GB) 10000 RPM StorEdge MultiPack	- / - / 4 / 4	- / - / 4 / 4	
	4.5.4 Desktop Disk Pack Options (LunchBox): *1. This is a 7200 rpm device*			
X	104-Mbyte SCSI Desktop Disk Pack	-	-	U
X	207-Mbyte SCSI Desktop Disk Pack	-	-	U
X540A	424-Mbyte SCSI Desktop Disk Pack	-	-	U
X580A	535-Mbyte Fast SCSI-2 Desktop Disk Pack	-	-	U
X545A	1.05-Gbyte Fast SCSI-2 Desktop Disk Pack	-	-	U
X567A	2.1-Gbyte Fast SCSI-2 Desktop Disk Pack	- / - / 4 / 4	- / - / 4 / 4	U
X737A	2.1-Gbyte Fast SCSI-2 Desktop Disk Pack	- / - / 4 / 4	- / - / 4 / 4	U1
X740A	4.2-Gbyte Fast SCSI-2 Desktop Disk Pack	- / - / 4 / 4	- / - / 4 / 4	U1
X559A	SunCD Desktop Storage Pack	-	-	U
X557A	SunCD Plus Desktop Storage Pack	-	-	U
X579A	SunCD 2Plus Desktop Storage Pack	-	-	U
X660A	150-Mbyte 1/4" Tape Desktop Storage Pack	- / - / 4 / 4	- / - / 4 / 4	U
X822A	2/4-Gbyte 4mm Tape Desktop Storage Pack	- / - / 4 / 4	- / - / 4 / 4	U
X834A	10.0-Gbyte 8mm Tape Backup Drive Desktop Storage Pack	- / - / 4 / 4	- / - / 4 / 4	U
X844A	14.0-Gbyte 8mm Tape Desktop Storage Pack	- / - / 4 / 4	- / - / 4 / 4	U
X550	104-Mbyte SCSI Desktop Disk Pack	-	-	U
X552A	207-Mbyte SCSI Desktop Disk Pack	-	-	U

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
	4.5.5 Desktop Storage Module and Multi-Disk Pack Options: *1. A maximum of one 4-drive Multi-Disk Pack is supported per SCSI interface.* *2. This is a 7200 rpm device*			
X547A	4.2-Gbyte SCSI Multi-Disk Pack (4 x 1.05-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U,1
X569A	4.2-Gbyte SCSI Multi-Disk Pack (2 x 2.1-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U1
X738A	4.2-Gbyte SCSI Multi-Disk Pack (2 x 2.1-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U2
X570A	8.4-Gbyte SCSI Multi-Disk Pack (4 x 2.1-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U
X739A	8.4-Gbyte SCSI Multi-Disk Pack (4 x 2.1-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U2
X568A	2.1-Gbyte Fast SCSI-2 Expansion Disk for Multi-Disk Pack			U
X735A	2.1-Gbyte Fast SCSI-2 Expansion Disk for Multi-Disk Pack			U2
X570A	8.4-Gbyte SCSI Multi-Disk Pack (4 x 2.1-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U
X748A	8.4-Gbyte SCSI Multi-Disk Pack (2 x 2.1-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U2
X749A	16.8-Gbyte SCSI Multi-Disk Pack (4 x 4.2-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U
X749A	16.8-Gbyte SCSI Multi-Disk Pack (4 x 4.2-Gbyte Fast SCSI-2 Disk)	- / - / 4 / 4	- / - / 4 / 4	U2
X569A	4.2-Gbyte Expansion Disk for Multi-Disk Pack	- / - / 4 / 4	- / - / 4 / 4	U
X746A	4.2-Gbyte Fast SCSI-2 Expansion Disk for Multi-Disk Pack	- / - / 4 / 4	- / - / 4 / 4	U2
X814A	5.0-Gbyte 8mm Tape Backup Drive Desktop Storage Module	- / - / 4 / 4	- / - / 4 / 4	U
X827A	20-Gbyte 4mm Tape Auto-loader Desktop Storage Module	- / - / 4 / 4	- / - / 4 / 4	U
X571A	1.3-Gbyte SCSI-2 Disk Desktop Storage Module	-	-	U
X804Y	2.3-Gbyte 8mm Tape Backup Drive Desktop Storage Module	-	-	U
	4.5.6 P-Box II Options: *1. All P-Box options are unsupported on Enterprise X000 Server*			
X526H	1x327-Mbyte SCSI Disk ESM	-	-	
X530H	2x327-Mbyte SCSI Disk ESM	-	-	
X527H	1x327-Mbyte SCSI Disk EEM	-	-	
X529H	2x327-Mbyte SCSI Disk EEM	-	-	
X539H	1x327-Mbyte SCSI Disk + 150-Mbyte 1/4" Tape ESM	-	-	
X	1x327-Mbyte SCSI Disk + 2.3-Gbyte 8mm Tape ESM	-	-	
X561H	1x669-Mbyte SCSI Disk External Storage Module ESM	-	-	
X563H	2x669-Mbyte SCSI Disk External Storage Module ESM	-	-	
X565H	1x669-Mbyte SCSI Disk + 150-Mbyte 1/4" Tape ESM	-	-	
X566H	1x669-Mbyte SCSI Disk + 2.3-Gbyte 8mm Tape ESM	-	-	

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
X	1x669-Mbyte SCSI Disk + 1327-Mbyte SCSI Disk ESM	-	-	
	4.5.7 ShoeBox Options: *1. All ShoeBox options are unsupported on Enterprise X000 Server*			
501D	SCSI Mass Storage Subsystem: 71-Mbyte Disk	-	-	
503A	SCSI Mass Storage Subsystem: 71-Mbyte Expansion Disk	-	-	
511D	SCSI Mass Storage Subsystem: 71-Mbyte Disk and 1/4" Tape	-	-	
504	141-Mbyte disk subsystem	-	-	
505	141-Mbyte expansion disk	-	-	
506	327-Mbyte disk subsystem	-	-	
507	327-Mbyte expansion disk	-	-	
509	654-Mbyte (2327-Mbyte) expansion subsystem	-	-	
510	654-Mbyte (2327-Mbyte) disk subsystem	-	-	
514	141-Mbyte disk + 60-Mbyte tape subsystem	-	-	
516	327-Mbyte disk + 60-Mbyte tape subsystem	-	-	
	4.5.8 Other SCSI Options:			
X680A	Front-Load 1/2-inch Tape Drive in Tabletop Package	-	-	
	5. External Expansion Options, Other:			
	5.1 Input Devices: *1. Shipped with the country kit.* *2. Option X485A is for those customers who already have option X1085A.*			
X180A	SunButtons® - 8-Dial Interactive Graphics I/O Device for 3-D	-	-	
X190A	SunDials® - 32-Key Function I/O Device	-	-	
X495A	SunMicrophone	-	-	U
	SunMicrophoneII	-	-	U,1
X485A	Color Video Camera	-	-	U,2
	5.2 Output Devices, general notes: *1. A total of four printers per system are supported.*			
	5.2.1 Server Printers and Printer Option Packs:			
NPRN-20	NeWSprinter 20 Laser Printer, SBus Interface Card, NeWSprint Software, 10-meter Cable, Two Adjustable Paper Trays with 250 sheet capacity each, and Toner Cartridge	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-600-V4	12ppm Monochrome Printer, 220v, NeWSprint Software	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-600	12ppm Monochrome Printer, 110v, NeWSprint Software	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1

Table 1 Sun Enterprise XX00 Server Hardware Marketing Part Numbers *(Continued)*

Order #	Description	Max Qty 65/55/45/3500	Max Qty 6/5/4/3000	Notes
CPRN-360	NeWSprinter CL+ Color Printer, NeWSprint Software, NeWSprint CL+ Software, 5-meter Centronics Cable, and Ink Cartridges	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
X1130A	SBus SPARCprinter Card w/ Parallel Port	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-400	SPARCprinter, 12 ppm, 400 dpi	4 / 4 / 4 / 4	4 / 4 / 4 / 4	RU,1
SPRN-600	SPARCprinter II, 12 ppm, 600 dpi	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-600-DUPLEX	SPARCprinter II duplexer for double-sided printing	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-600-FEEDER	SPARCprinter II 500-sheet hi-feeder	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R
NPRN-20	NeWSprinter 20, 20 ppm, 400 dpi	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
NPRN-20-AUX-FEEDER	NeWSprinter 20 automatic letterhead, transparency, envelope and label feeder	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R
CPRN-360	NeWSprinter CL+, color printer	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-EC	Color Printer	4 / 4 / 4 / 4	4 / 4 / 4 / 4	U,R,1
SPRN-E		4 / 4 / 4 / 4	4 / 4 / 4 / 4	U
LW	Sun LaserWriter	-	-	U
LW1	Sun LaserWriter II	-	-	U