

# Options

## **Workstations**

# Workstations Internal Expansion Options

Description	Order Number
<b>Mass Storage</b>	
Internal 9.1-Gbyte, 10000 RPM 1" high, UltraSCSI disk drive	X5234A
Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high	X5237A
Manual-eject floppy drive for Ultra 60 and 80 systems.	X6004A
32x internal CD-ROM drive	X6166A
7-Gbyte 8mm internal tape (for workstations)	X6212A
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A
20GB 4mm DDS-4 internal tape for Narrow SCSI interface	X6295A

## Workstations Internal Expansion Options Compatibility Matrix

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
Mass Storage						
Internal 9.1-Gbyte, 10000 RPM 1" high, UltraSCSI disk drive	X5234A <sup>1,4,5</sup>				✓	
Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high	X5237A <sup>1,4</sup>				✓	✓
Manual-eject floppy drive for Ultra 60 and 80 systems.	X6004A				✓	✓
32x internal CD-ROM drive	X6166A <sup>4</sup>				✓	✓
7-Gbyte 8mm internal tape (for workstations)	X6212A <sup>2</sup>	✓			✓	✓
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A <sup>2,4</sup>	✓			✓	✓
20GB 4mm DDS-4 internal tape for Narrow SCSI interface	X6295A	✓			✓	✓

### General Notes

- For internal expansion disk options (X)5229A operate at UltraSCSI mode in Ultra 30 and Ultra 60 and in Fast/Wide mode on other supported systems.

### Footnotes

- Maximum discount may apply; contact your local Sun sales representative for details.
- When ordering this X-option for the Ultra 2 platform, be sure to also order X3860A which is a necessary SCSI cable to attach any internal storage peripheral to an Ultra 2. If ordering this X-option for the Ultra 1 platform, you do NOT need to order the cable.
- When ordering this X-option for the Ultra 2 platform, be sure to also order X3860A which is a necessary SCSI cable to attach any internal storage peripheral to an Ultra 2. If ordering this X-option for the Ultra 1 platform, you do NOT need to order the cable.
- This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
- X5234A is supported on the U60 platform but installation of the drive increases acoustic noise above system specifications.

## Workstations Internal Expansion Options *(continued)*

Description	Order Number
<b>PCI Bus Options</b>	
10/100BaseT F/W UltraSCSI PCI Adapter 1.0 OEM ready - 07/97	X1032A
10BaseT FastEthernet PCI Adapter w/MII Sun FastEthernet 2.0 PCI is a 10/100 Ethernet Network interface card supporting the 33 Mhz PCI interface standard. The Sun FastEthernet 2.0 PCI also offers a MII interface to support external peripheral devices. OEM ready - 07/97	X1033A
Quad FastEthernet PCI Card (QFE) Quad FastEthernet is a high performance, high density network interface card. QFE provides immediate increase in bandwidth to the user in the PCI interface format. OEM ready - 07/97	X1034A
FDDI Single-Attach PCI Bus Interface Adapter 2.0	X1152A
FDDI Dual-Attach PCI Bus Interface Adapter 2.0	X1153A
Token Ring Interface PCI Bus Adapter 5.0 for Solaris 8 and earlier releases.	X2154A
High Speed Serial Interface PCI Bus Adapter 2.0 (PCI card, cable with four RS-449 connectors, Media, Docs and Single PCI license)	X1155A
Serial Asynchronous Interface PCI Bus Adapter 3.0 (PCI card, cable and external eight-port I/O box with RS-232 connectors, Media, and Docs) for Solaris 8 and earlier releases.	X2156A
PCI Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T. It is a half size PCI form factor for 5 and 3.3 volt options.	X1141A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/MFiber PCI Adapter 4.0	X1157A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/UTP PCI Adapter 4.0	X1158A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-622/MFiber PCI Adapter 4.0	X1159A
Dual-channel single-ended UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6540A
Dual-channel differential UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6541A
PCI FC-AL single-loop host adapter 100MB/s optical interface.	X6729A
Single-channel, single-ended UltraSCSI host adapter, PCI; cables not included	X5010A
Sun Gigabit Ethernet plus FC-AI Combination adapter (PCI)	X2069A

## Workstations Internal Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2 300/ 400	U5 360/ 333	U10 333/ 440	U60 360/ 450	U80 450
<b>PCI Bus Options</b>						
10/100BaseT F/W UltraSCSI PCI Adapter 1.0 OEM ready - 07/97	X1032A <sup>4</sup>		✓	✓	✓	✓
10BaseT FastEthernet PCI Adapter w/MII Sun FastEthernet 2.0 PCI is a 10/100 Ethernet Network interface card supporting the 33 Mhz PCI interface standard. The Sun FastEthernet 2.0 PCI also offers a MII interface to support external peripheral devices. OEM ready - 07/97	X1033A <sup>4</sup>		✓	✓	✓	✓
Quad FastEthernet PCI Card (QFE) Quad FastEthernet is a high performance, high density network interface card. QFE provides immediate increase in bandwidth to the user in the PCI interface format. OEM ready - 07/97	X1034A <sup>4</sup>		✓	✓	✓	✓
FDDI Single-Attach PCI Bus Interface Adapter 2.0	X1152A <sup>2,3</sup>		✓	✓	✓	✓
FDDI Dual-Attach PCI Bus Interface Adapter 2.0	X1153A <sup>2,3</sup>		✓	✓	✓	✓
Token Ring Interface PCI Bus Adapter 5.0 for Solaris 8 and earlier releases.	X2154A <sup>5</sup>		✓	✓	✓	✓
High Speed Serial Interface PCI Bus Adapter 2.0 (PCI card, cable with four RS-449 connectors, Media, Docs and Single PCI license)	X1155A <sup>2</sup>		✓	✓	✓	✓
Serial Asynchronous Interface PCI Bus Adapter 3.0 (PCI card, cable and external eight-port I/O box with RS-232 connectors, Media, and Docs) for Solaris 8 and earlier releases.	X2156A <sup>5</sup>		✓	✓	✓	✓
PCI Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T. It is a half size PCI form factor for 5 and 3.3 volt options.	X1141A <sup>1</sup>				✓	✓
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/MFiber PCI Adapter 4.0	X1157A <sup>4</sup>		✓	✓	✓	✓
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/UTP PCI Adapter 4.0	X1158A		✓	✓	✓	✓
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-622/MFiber PCI Adapter 4.0	X1159A <sup>4</sup>		✓	✓	✓	✓
Dual-channel single-ended UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6540A		✓	✓	✓	✓
Dual-channel differential UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6541A		✓	✓	✓	✓
PCI FC-AL single-loop host adapter 100MB/s optical interface.	X6729A				✓	✓
Single-channel, single-ended UltraSCSI host adapter, PCI; cables not included	X5010A		✓	✓		
Sun Gigabit Ethernet plus FC-AI Combination adapter (PCI)	X2069A <sup>6</sup>			✓	✓	✓

### Footnotes

1. Requires Solaris 2.5.
2. Requires Solaris 2.5.1, 2.6, Solaris 7 or later release.
3. Support for Dynamic Reconfiguration (DR) for Enterprise 10000 is currently only supported on Solaris 2.5.1 and Solaris 6.
4. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
5. Requires Solaris 2.5.1, 2.6, Solaris 7, Solaris 8, or later release.
6. Requires Solaris 7 11/99 or later release.

## Workstations Internal Expansion Options *(continued)*

Description	Order Number
<b>PCI SunVideo Plus and Multimedia Options</b>	
SunVideo Plus 1.3 Realtime Video/ Audio Capture and Compression Card With Solaris 2.5/2.6/7 Driver CD, Short format PCI Card. NTSC or PAL video input. Supports M-JPEG, MPEG1, H.261, H.263, H.323 & G.7XXX video & audio standards. Two Composite and One S-Video input. One stereo mini-phone jack/2-audio output connectors. Supports SunForum 3.0 & JMF 2.0	X1089A
PCI Multimedia Kit, includes SunVideo Plus 1.3 Card, a PAL SunCamera II, SunMic II, and Documentation (Continental Europe) Supports SunForum 3.0	X499A-EU
PCI Multimedia Kit, includes SunVideo Plus 1.3 Card, a PAL SunCamera II, SunMic II, and Documentation (U.K.) Supports SunForum 3.0	X499A-UK
PCI Multimedia Kit, includes SunVideo Plus 1.3 Card, an NTSC SunCamera II, SunMic II, and Documentation (U.S.) Supports SunForum 3.0	X499A
<b>SunPCi Processor Card</b>	
SunPCi Co-processor PCI option card, AMD 400MHz CPU, WinNT suppt 64MB onboard memory (DIMM), 24-bit graphics onboard, docs, DR-DOS license (Windows license NOT included)	X1131A-64.2
64-Mbyte (1x64) DIMM memory expansion for SunPCi PCI opt card	X7041A
128-Mbyte (1x128) DIMM memory expansion for SunPCi PCI opt card	X7035A

## Workstations Internal Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
PCI SunVideo Plus and Multimedia Options						
SunVideo Plus 1.3 Realtime Video/ Audio Capture and Compression Card With Solaris 2.5/2.6/7 Driver CD, Short format PCI Card. NTSC or PAL video input. Supports M-JPEG, MPEG1 ,H.261, H.263, H.323 & G.7XXX video & audio standards. Two Composite and One S-Video input. One stereo mini-phone jack/2-audio output connectors. Supports SunForum 3.0 & JMF 2.0	X1089A <sup>1</sup>		✓	✓	✓	✓
PCI Multimedia Kit, includes SunVideo Plus 1.3 Card, a PAL SunCamera II, SunMic II, and Documentation (Continental Europe) Supports SunForum 3.0	X499A-EU <sup>1</sup>		✓	✓	✓	✓
PCI Multimedia Kit, includes SunVideo Plus 1.3 Card, a PAL SunCamera II, SunMic II, and Documentation (U.K.) Supports SunForum 3.0	X499A-UK <sup>1</sup>		✓	✓	✓	✓
PCI Multimedia Kit, includes SunVideo Plus 1.3 Card, an NTSC SunCamera II, SunMic II, and Documentation (U.S.) Supports SunForum 3.0	X499A <sup>1</sup>		✓	✓	✓	✓
SunPCi Processor Card						
SunPCi Co-processor PCI option card, AMD 400MHz CPU, WinNT suppt 64MB onboard memory (DIMM), 24-bit graphics onboard, docs, DR-DOS license (Windows license NOT included)	X1131A-64.2 <sup>2</sup>		✓	✓	✓	✓
64-Mbyte (1x64) DIMM memory expansion for SunPCi PCI opt card	X7041A		✓	✓	✓	✓
128-Mbyte (1x128) DIMM memory expansion for SunPCi PCI opt card	X7035A		✓	✓	✓	✓

### Footnotes

1. Requires Solaris 2.5.1 HW 4/97 or later or Solaris 2.6.
2. Does not include Windows license.



## Workstations Internal Expansion Options *(continued)*

Description	Order Number
<b>Graphics Accelerators &amp; Adapters</b>	
Creator3D, Series 3, 24-bit color, double buffered graphics accelerator, vertical board orientation.	X3670A
Elite3D m3, 24-bit color, double- buffered graphics accelerator, geometry decompression, vertical board orientation	X3677A
Elite3D m6, 24-bit color, double- buffered graphics accelerator, geometry decompression, vertical board orientation	X3679A
PGX32 8&24 Color Frame Buffer, Software on CD, Video adapter cable (Only for PCI systems)	X3668A
The video connector adapter is required for Sun's standard HD-15 pin monitors to use with existing workstation platforms that have a 13W3 video output. The video connector adapter HD-15 female to 13W3 male is needed for the SPARCSTATION 5 Model 7, ULTRA 1 Model 170, and TurboGX, PineApple 2 graphics, UPA graphics X-options.	X3872A
BAE VIDEO CONNECTOR 13W3F/HD15M,24"	X471A

## Workstations Internal Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
Graphics Accelerators & Adapters						
Creator3D, Series 3, 24-bit color, double buffered graphics accelerator, vertical board orientation.	X3670A			✓	✓	
Elite3D m3, 24-bit color, double- buffered graphics accelerator, geometry decompression, vertical board orientation	X3677A			✓	✓	✓
Elite3D m6, 24-bit color, double- buffered graphics accelerator, geometry decompression, vertical board orientation	X3679A			✓	✓	✓
PGX32 8&24 Color Frame Buffer, Software on CD, Video adapter cable (Only for PCI systems)	X3668A		✓	✓	✓	✓
The video connector adapter is required for Sun's standard HD-15 pin monitors to use with existing workstation platforms that have a 13W3 video output. The video connector adapter HD-15 female to 13W3 male is needed for the SPARCSTATION 5 Model 7, ULTRA 1 Model 170, and TurboGX, PineApple 2 graphics, UPA graphics X-options.	X3872A	31	31	31	31	✓
BAE VIDEO CONNECTOR 13W3F/HD15M,24"	X471A	31	31	31		

### General Note

- For compatibility information about which graphics accelerators support which monitors, please refer to the Monitor/Graphics Accelerators Support Matrix. See page 6-33.

### Footnote

1. In order to identify when and which Video Connector Adapter (X3872A) or Video Cable Adapter (X470A) you may need to order, please consult the Monitor/Graphics Accelerator Support Matrix. See page 6-33.

## Workstations External Expansion Options

Description	Order Number
<b>Mass Storage</b>	
18.2-Gbyte (2x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK020C-18G
36.4-Gbyte (2x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK020C-36G
36.4-Gbyte (4x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK040C-36G
72.8-Gbyte (4x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK040C-72G
54.6-Gbyte (6x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK060C-54G
109.2-Gbyte (6x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK060C-109G
DLT7000-Based 280GB Autoloader (Desktop)	SG-XLIBDLT1-280G
DLT7000-Based 280GB Autoloader (Rackmount)	SG-XLIBDLT2-280G
<b>Expansion Drives for Desktop MultiPack</b>	
Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high	X5237A
Internal 9.1-Gbyte, 10000 RPM 1" high, UltraSCSI disk drive	X5234A

## Workstations External Expansion Options Compatibility Matrix

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
Mass Storage						
18.2-Gbyte (2x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK020C-18G	✓	31	31	✓	✓
36.4-Gbyte (2x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK020C-36G	✓	31	31	✓	✓
36.4-Gbyte (4x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK040C-36G	✓	31	31	✓	✓
72.8-Gbyte (4x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK040C-72G	✓	31	31	✓	✓
54.6-Gbyte (6x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK060C-54G <sup>5</sup>	✓	31	31	✓	✓
109.2-Gbyte (6x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK060C-109G <sup>5</sup>	✓	31	31	✓	✓
DLT7000-Based 280GB Autoloader (Desktop)	SG-XLIBDLT1-280G <sup>2,3,5</sup>	✓	31	31	✓	✓
DLT7000-Based 280GB Autoloader (Rackmount)	SG-XLIBDLT2-280G <sup>2,3,5</sup>	✓	31	31	✓	✓
Expansion Drives for Desktop MultiPack						
Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high	X5237A <sup>4</sup>					
Internal 9.1-Gbyte, 10000 RPM 1" high, UltraSCSI disk drive	X5234A					
Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.						

### Ordering Notes

- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to another StorEdge UniPack, FlexiPack, or MultiPack (daisy-chaining)
- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to Ultra 2, Ultra 30/60, Ultra/Enterprise 450 or Netra t.
- Order X3857A 50-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to a 50-pin device such as a SparcStation or Ultra 1.

### Footnotes

1. Order with appropriate PCI SCSI Adapter Card for use with Ultra 5 and Ultra 10 systems. SCSI is not a standard feature of Ultra 5 and Ultra 10 systems.
2. Requires appropriate differential SCSI card.
3. The Sun StorEdge LibMON 2.0 software and a patch (expected availability of 1/99) support this library.
4. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
5. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge Tape Libraries</b>	
Sun StorEdge L400 Tape Library 400GB Native Capacity 1 Drive (Desktop)	SG-XLIB8MMB-400G
Sun StorEdge L400 Tape Library 400 GB Native Capacity, 2-Drive (Desktop)	SG-XLIB8MM1-400G
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Desktop)	SG-XLIBDLT1-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Desktop)	SG-XLIBDLT4-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Rackmount)	SG-XLIBDLT1R-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Rackmount)	SG-XLIBDLT4R-1TB-2
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 2 Drive	X6079A
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 7 Drive	X6080A
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 4-Drive	SG-XLIBDLT4-11TB <sup>1</sup>
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 16-Drive	SG-XLIBDLT16-11TB <sup>1</sup>
Country Kit Accessory Power User Workstation and SPARCserver Cable 12-meter Differential SCSI Cable	X979A

### Footnote

1. Installation is free of charge with the L11000. In order for the installation to be a success, a Site Survey and Checklist must be completed a MINIMUM of 2 weeks prior to installation. They can be found at the L11000 web page <http://storageweb.eng.sun.com/products/L11000/form.html>

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2 300/ 400	U5 360/ 333	U10 333/ 440	U60 360/ 450	U80 450
<b>StorEdge Tape Libraries</b>						
Sun StorEdge L400 Tape Library 400GB Native Capacity 1 Drive (Desktop)	SG-XLIB8MMB-400G	✓				
Sun StorEdge L400 Tape Library 400 GB Native Capacity, 2-Drive (Desktop)	SG-XLIB8MM1-400G	✓				
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Desktop)	SG-XLIBDLT1-1TB-2	✓			✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Desktop)	SG-XLIBDLT4-1TB-2 <sup>1</sup>	✓			✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Rackmount)	SG-XLIBDLT1R-1TB-2	✓			✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Rackmount)	SG-XLIBDLT4R-1TB-2 <sup>1</sup>	✓			✓	✓
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 2 Drive	X6079A <sup>2</sup>	✓	33	33	✓	✓
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 7 Drive	X6080A <sup>1,2</sup>	✓	33	33	✓	✓
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 4-Drive	SG-XLIBDLT4-11TB <sup>1,2</sup>					
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 16-Drive	SG-XLIBDLT16-11TB <sup>1,2</sup>					
Country Kit Accessory Power User Workstation and SPARCserver Cable 12-meter Differential SCSI Cable	X979A					

### Footnotes

1. Standard Configurations are Sun's recommended configurations.
2. Requires DWIS/S Host Adapter(s) for every two drives ordered. For E450, order (X)6541A.
3. Order with appropriate PCI SCSI Adapter Card for use with Ultra 5 and Ultra 10 systems. SCSI is not a standard feature of Ultra 5 and Ultra 10 systems.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>Expansion Drives for the StorEdge Libraries</b>	
Internal 8mm Tape Drive for Sun StorEdge L400 Library	SG-XTAP8MM-400G
DLT7000 Tape Drive for use in the Sun StorEdge L1000	SG-XTAPDLT1-1TB
DLT7000 Tape Drive for use in the Sun StorEdge L1800 and L3500	X6063A
2 DLT7000 Tape Drives for use in the Sun StorEdge L11000	SG-XTAPDLT2-11TB
<b>UniPack</b>	
9.1-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-9G
18.2-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-18G
12GB 4mm DDS-3 in a UniPack desktop enclosure.	SG-XTAP4MM-011A
20GB 4mm DDS-4 in a UniPack desktop enclosure.	SG-XTAPDDS4-012A
7GB 8mm drive in UniPack desktop enclosure. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-010A
20GB 8mm drive in a UniPack desktop enclosure. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-011A

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2 300/ 400	U5 360/ 333	U10 333/ 440	U60 360/ 450	U80 450
<b>Expansion Drives for the StorEdge Libraries</b>						
Internal 8mm Tape Drive for Sun StorEdge L400 Library	SG-XTAP8MM-400G <sup>1</sup>					
DLT7000 Tape Drive for use in the Sun StorEdge L1000	SG-XTAPDLT1-1TB					
DLT7000 Tape Drive for use in the Sun StorEdge L1800 and L3500	X6063A <sup>2</sup>					
2 DLT7000 Tape Drives for use in the Sun StorEdge L11000	SG-XTAPDLT2-11TB					
<i>Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.</i>						
<b>UniPack</b>						
9.1-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-9G <sup>3</sup>	✓	31	31	✓	✓
18.2-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-18G <sup>3</sup>	✓	31	31	✓	✓
12GB 4mm DDS-3 in a UniPack desktop enclosure.	SG-XTAP4MM-011A <sup>3</sup>	✓	31	31	✓	✓
20GB 4mm DDS-4 in a UniPack desktop enclosure.	SG-XTAPDDS4-012A	✓			✓	✓
7GB 8mm drive in UniPack desktop enclosure. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-010A	✓	31	31	✓	✓
20GB 8mm drive in a UniPack desktop enclosure. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-011A <sup>3</sup>	✓	31	31	✓	✓
<i>Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.</i>						

### Footnotes

1. Requires Solaris 2.3 or later Solaris 2.x release.
2. Requires 12-meter DSCSI Cable (X979A) for every two drives ordered. For U/E450, order X3830A or X3831A.
3. Standard Configurations are Sun's recommended configurations.



## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>FlexiPack</b>	
12GB 4mm DDS-3 in a FlexiPack desktop enclosure. Includes one (1) 4mm tape drive plus one (1) available half-height open bay in the FlexiPack.	SG-XTAP4MM-021A
72GB 4mm DDS-3 autoloader in a FlexiPack desktop enclosure. Transfer rate of 1 MB/sec.	SG-XTAP4MM-031A
7GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-020A
20GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-021A
35GB DLT7000 tape drive in a FlexiPack desktop enclosure. Transfer rate of 5 MB/sec.	SG-XTAPDLT-021A
<b>Expansion Drives for FlexiPack</b>	
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A
7-Gbyte 8mm internal tape (for workstations)	X6212A
20-40-Gbyte 8mm internal Tape drive for the FlexiPack	X6236A
32x internal CD-ROM drive	X6166A

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2 300/ 400	U5 360/ 333	U10 333/ 440	U60 360/ 450	U80 450
<b>FlexiPack</b>						
12GB 4mm DDS-3 in a FlexiPack desktop enclosure. Includes one (1) 4mm tape drive plus one (1) available half-height open bay in the FlexiPack.	SG-XTAP4MM-021A	✓	31	31	✓	✓
72GB 4mm DDS-3 autoloader in a FlexiPack desktop enclosure. Transfer rate of 1 MB/sec.	SG-XTAP4MM-031A	✓	31	31	✓	✓
7GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-020A	✓	31	31	✓	✓
20GB 8mm drive in a FlexiPack desktop enclosure, Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-021A	✓	31	31	✓	✓
35GB DLT7000 tape drive in a FlexiPack desktop enclosure. Transfer rate of 5 MB/sec.	SG-XTAPDLT-021A <sup>4</sup>	✓	31	31	✓	✓
<b>Expansion Drives for FlexiPack</b>						
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A <sup>3</sup>	✓	✓	✓	✓	✓
7-Gbyte 8mm internal tape (for workstations)	X6212A	✓	✓	✓	✓	✓
20-40-Gbyte 8mm internal Tape drive for the FlexiPack	X6236A <sup>2</sup>	✓	✓	✓	✓	✓
32x internal CD-ROM drive	X6166A <sup>3</sup>	✓	✓	✓	✓	✓

### Ordering Notes

- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to another StorEdge UniPack, FlexiPack, or MultiPack (daisy-chaining)
- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to Ultra 2, Ultra 30/60, Ultra/Enterprise 450 or Netra t.
- Order X3857A 50-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to a 50-pin device such as a SparcStation or Ultra 1.

### Footnotes

1. Order with appropriate PCI SCSI Adapter Card for use with Ultra 5 and Ultra 10 systems. SCSI is not a standard feature of Ultra 5 and Ultra 10 systems.
2. Solaris 2.5 or later Solaris 2.x release.
3. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
4. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan trays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-36G
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-109G
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 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY151A-72G
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	SG-XARY151A-218G
<b>StorEdge A1000 Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY146A-36G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY152A-72G
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2 300/ 400	U5 360/ 333	U10 333/ 440	U60 360/ 450	U80 450
<b>StorEdge A1000 Tabletop/Deskside/Rackmountable</b>						
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan trays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-36G	2	6	8	8	8
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-109G <sup>3</sup>	2	6	8	8	8
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 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY151A-72G	2	6	8	8	8
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	SG-XARY151A-218G <sup>3</sup>	2	6	8	8	8
<b>StorEdge A1000 Rackmountable</b>						
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY146A-36G <sup>1,2</sup>	✓	✓	✓	✓	✓
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY152A-72G <sup>1</sup>	✓	✓	✓	✓	✓
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A					

### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

### Footnotes

1. Remove the "X" and append R5 (i.e. SG-ARY152A-72GR5) for installation in the Sun StorEdge Expansion Cabinet.
2. Remove the X and append R4 for (i.e. SG-ARY146A-36GR4) for installation in Enterprise System Cabinet.
3. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge D1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-36G
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-109G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-72G
218-Gbyte (12 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-218G
<b>StorEdge D1000 Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY147A-36G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY154A-72G
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
StorEdge D1000 Tabletop/Deskside/Rackmountable						
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-36G	2	6	8	8	8
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-109G <sup>2</sup>	2	6	8	8	8
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-72G	2	6	8	8	8
218-Gbyte (12 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-218G <sup>2</sup>	2	6	8	8	8
StorEdge D1000 Rackmountable						
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY147A-36G <sup>1</sup>	✓	✓	✓	✓	✓
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY154A-72G <sup>1</sup>	✓	✓	✓	✓	✓
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A					

### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

### Footnotes

1. Remove the "X" and append R5 (i.e. SG-nnnnnnnn-nnGR5) for factory installation in the Sun StorEdge Expansion Cabinet.
2. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A3500</b>	
72-GB Sun StorEdge A3500-Light (8x9.1GB, 10K RPM drives) w/2 trays, two 12m USCSI cables, one controller modules (2 controllers), redundant fans, drives and power supplies, and rackmount rails.	SG-XARY366A-72G
91-GB Sun StorEdge A3500 10x9.1GB, 10K RPM drives) with 5 trays mounted in StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY370A-91G
182-GB Sun StorEdge A3500 (20 x 9.1-GB, 10K-rpm drives) with 7 trays mounted in StorEdge expansion cabinet, redundant fans drives and power supplies	SG-ARY372A-182G
545-GB Sun StorEdge A3500 (60x9.1GB, 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	SG-XARY360A-545G
273-GB Sun StorEdge A3500 (30 x 9.1-GB, 10K-rpm drives) with 15 trays mounted in two StorEdge expansion cabinet, Redundant fans, drives and power supplies	SG-ARY374A-273G
182-GB Sun StorEdge A3500 (10x18GB, 10K-rpm drives) five disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies.	SG-ARY380A-182G
1092-GB Sun StorEdge A3500 (60 x 18.2-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	SG-XARY380A-1092G
364-GB Sun StorEdge A3500 (20 x 18.2-GB, 10K-rpm drives), 7 disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY382A-364G
546-GB Sun StorEdge A3500 (30 x 18.2-GB, 10K-rpm drives) fifteen disk trays mounted in two StorEdge expansion cabinets, redundant fans, drives and power supplies	SG-ARY384A-546G

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
StorEdge A3500						
72-GB Sun StorEdge A3500-Light (8x9.1GB, 10K RPM drives) w/2 trays, two 12m USCSI cables, one controller modules (2 controllers), redundant fans, drives and power supplies, and rackmount rails.	SG-XARY366A-72G <sup>1</sup>	✓	✓	✓	✓	✓
91-GB Sun StorEdge A3500 10x9.1GB, 10K RPM drives) with 5 trays mounted in StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY370A-91G	✓	✓	✓	✓	✓
182-GB Sun StorEdge A3500 (20 x 9.1-GB, 10K-rpm drives) with 7 trays mounted in StorEdge expansion cabinet, redundant fans drives and power supplies	SG-ARY372A-182G	✓	✓	✓	✓	✓
545-GB Sun StorEdge A3500 (60x9.1GB, 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	SG-XARY360A-545G <sup>2</sup>	✓	✓	✓	✓	✓
273-GB Sun StorEdge A3500 (30 x 9.1-GB, 10K-rpm drives) with 15 trays mounted in two StorEdge expansion cabinet, Redundant fans, drives and power supplies	SG-ARY374A-273G	✓	✓	✓	✓	✓
182-GB Sun StorEdge A3500 (10x18GB, 10K-rpm drives) five disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies.	SG-ARY380A-182G	✓	✓	✓	✓	✓
1092-GB Sun StorEdge A3500 (60 x 18.2-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	SG-XARY380A-1092G <sup>1,2</sup>	✓	✓	✓	✓	✓
364-GB Sun StorEdge A3500 (20 x 18.2-GB, 10K-rpm drives), 7 disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY382A-364G	✓	✓	✓	✓	✓
546-GB Sun StorEdge A3500 (30 x 18.2-GB, 10K-rpm drives) fifteen disk trays mounted in two StorEdge expansion cabinets, redundant fans, drives and power supplies	SG-ARY384A-546G	✓	✓	✓	✓	✓

### Footnotes

1. Remove the X from the order number (e.g. SG-ARYnnn-nnnG) to order factory configured version with additional disks installed..
2. Standard Configurations are Sun's recommended configurations.



## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A5100 36GB Model - Tabletop</b>	
182-Gbyte Sun StorEdge A5100 Tabletop (5 x 36.4-GB, 10000rpm half-height FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fiber optic cables	SG-XARY550A-182G
509.6-Gbyte Sun StorEdge A5100 Tabletop (14 x 36.4-GB, 10000rpm half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	SG-XARY550A-509G
<b>StorEdge A5100 36GB Model - Cabinet</b>	
1019.2-Gbyte Sun StorEdge A5100 Cabinet, including two 509.6-GByte arrays (14 x 36.4-GByte 1.625" half-height 10000rpm FC-AL drives) including 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-1019G
3057.6-Gbyte Sun StorEdge A5100 Cabinet with six 509.6-GByte arrays (14 x 36.4-GByte 1.625" 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-3057G
<b>StorEdge A5100 36GB Model - Factory Configured Hubless Option</b>	
509.6-Gbyte Sun StorEdge A5100 hubless version, includes one 509-GByte array (w/14*36.4-Gbyte 10000rpm FC-AL drives), twelve 15 meter fiber optic cables, mounted in 72" Sun StorEdge Expansion Cabinet (no hubs included).	SG-ARY553A-509G
<b>StorEdge A5100 36GB Model - Rackmountable Options</b>	
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables. Rackmounting kit installed for adding to 72" Sun StorEdge Expansion Cabinet.	SG-XARY551A-509G
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, 10000rpm half-height FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fiber optic cables. Rackmounting kit installed for mounting in 68" Enterprise system cabinet.	SG-XARY552A-509G

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
StorEdge A5100 36GB Model - Tabletop						
182-Gbyte Sun StorEdge A5100 Tabletop (5 x 36.4-GB, 10000rpm half-height FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fiber optic cables	SG-XARY550A-182G				✓	✓
509.6-Gbyte Sun StorEdge A5100 Tabletop (14 x 36.4-GB, 10000rpm half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	SG-XARY550A-509G				✓	✓
StorEdge A5100 36GB Model - Cabinet						
1019.2-Gbyte Sun StorEdge A5100 Cabinet, including two 509.6-GByte arrays (14 x 36.4-GByte 1.625" half-height 10000rpm FC-AL drives) including 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-1019G				✓	✓
3057.6-Gbyte Sun StorEdge A5100 Cabinet with six 509.6-GByte arrays (14 x 36.4-GByte 1.625" 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-3057G <sup>1</sup>				✓	✓
StorEdge A5100 36GB Model - Factory Configured Hubless Option						
509.6-Gbyte Sun StorEdge A5100 hubless version, includes one 509-GByte array (w/14*36.4-Gbyte 10000rpm FC-AL drives), twelve 15 meter fiber optic cables, mounted in 72" Sun StorEdge Expansion Cabinet (no hubs included).	SG-ARY553A-509G				✓	✓
StorEdge A5100 36GB Model - Factory Rackmountable Options						
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables. Rackmounting kit installed for adding to 72" Sun StorEdge Expansion Cabinet.	SG-XARY551A-509G <sup>1</sup>				✓	✓
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, 10000rpm half-height FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fiber optic cables. Rackmounting kit installed for mounting in 68" Enterprise system cabinet.	SG-XARY552A-509G				✓	✓

### Footnote

1. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A5200 9GB Model - Tabletop</b>	
63.7-Gbyte Sun StorEdge A5200 (7 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-63G
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-200G
<b>StorEdge A5200 9GB Model - Cabinet</b>	
400.4-Gbyte Sun StorEdge A5200 including two 200.2-GByte arrays (22 9.1-GByte low profile 10,000rpm FC-AL drives), 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet, Fans and door included.	SG-XARY523A-400G
1201.2-Gbyte Sun StorEdge A5200 including six 200.2-GByte arrays (22 9.1-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY523A-1200G
<b>StorEdge A5200 9GB Model - Factory Configured Hubless Option</b>	
200-Gbyte Sun StorEdge A5200 hubless version, includes one 200.2-GByte array (w/ 22*9.1-Gbyte 10000rpm FC-AL drives), and 12 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included).	SG-ARY523A-200G
<b>StorEdge A5200 9GB Model - Rackmountable Options</b>	
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rackmounting kit installed for StorEdge Expansion Cabinet	SG-XARY521A-200G
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and two 2 meter fiber optic cables with rackmounting kit installed for factory configuration into Enterprise System Cabinet	SG-ARY522A-200G

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
StorEdge A5200 9GB Model - Tabletop						
63.7-Gbyte Sun StorEdge A5200 (7 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-63G				✓	✓
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-200G <sup>1</sup>				✓	✓
StorEdge A5200 9GB Model - Cabinet						
400.4-Gbyte Sun StorEdge A5200 including two 200.2-GByte arrays (22 9.1-GByte low profile 10,000rpm FC-AL drives), 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet, Fans and door included.	SG-XARY523A-400G				✓	✓
1201.2-Gbyte Sun StorEdge A5200 including six 200.2-GByte arrays (22 9.1-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY523A-1200G <sup>1</sup>				✓	✓
StorEdge A5200 9GB Model - Factory Configured Hubless Option						
200-Gbyte Sun StorEdge A5200 hubless version, includes one 200.2-GByte array (w/ 22*9.1-Gbyte 10000rpm FC-AL drives), and 12 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included).	SG-ARY523A-200G				✓	✓
StorEdge A5200 9GB Model - Factory Rackmountable Options						
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rackmounting kit installed for StorEdge Expansion Cabinet	SG-XARY521A-200G <sup>1</sup>				✓	✓
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and two 2 meter fiber optic cables with rackmounting kit installed for factory configuration into Enterprise System Cabinet	SG-ARY522A-200G				✓	✓

### Footnote

1. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A5200 18GB Model - Tabletop</b>	
127-Gbyte Sun StorEdge A5200 Table Top Array (7 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-127G
400-Gbyte Sun StorEdge A5200 Table Top Array (22 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-400G
<b>StorEdge A5200 18GB Model - Cabinet</b>	
800-Gbyte Sun StorEdge A5200 Cabinet, including two 400.4-GByte arrays (22 * 18.2-GByte low profile 10,000rpm FC-AL drives), 2 hubs, with 3 GBICs each, 2 15 meter fibre optic cables mounted in 72" Sun StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-800G
2402-Gbyte Sun StorEdge A5200 Cabinet, including six 400.4-GByte arrays (22 x 18.2-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables, mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-2400G
<b>StorEdge A5200 18GB Model - Factory Configured Hubless Option</b>	
400-Gbyte Sun StorEdge A5200 hubless version, includes one 400.4-GByte array (w/ 22*18.2-Gbyte 10000rpm FC-AL drives), twelve 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included). Factory Configuration only.	SG-ARY543A-400G
<b>StorEdge A5200 18GB Model - Rackmountable Options</b>	
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rack mounting kit installed for StorEdge 72" Expansion Cabinet	SG-XARY541A-400G
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2-GB, 10000rpm low profile FC-AL drives) includes 3 power supplies, two interface boards (1 GBIC each), and two 2 meter fiber optic cables. Rackmounting kit installed for 68" Enterprise System Cabinet.	SG-XARY542A-400G

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2	U5	U10	U60	U80
		300/ 400	360/ 333	333/ 440	360/ 450	450
StorEdge A5200 18GB Model - Tabletop						
127-Gbyte Sun StorEdge A5200 Table Top Array (7 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-127G				✓	✓
400-Gbyte Sun StorEdge A5200 Table Top Array (22 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-400G <sup>1</sup>				✓	✓
StorEdge A5200 18GB Model - Cabinet						
800-Gbyte Sun StorEdge A5200 Cabinet, including two 400.4-GByte arrays (22 * 18.2-GByte low profile 10,000rpm FC-AL drives), 2 hubs, with 3 GBICs each, 2 15 meter fibre optic cables mounted in 72" Sun StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-800G				✓	✓
2402-Gbyte Sun StorEdge A5200 Cabinet, including six 400.4-GByte arrays (22 x 18.2-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables, mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-2400G <sup>1</sup>				✓	✓
StorEdge A5200 18GB Model - Factory Configured Hubless Option						
400-Gbyte Sun StorEdge A5200 hubless version, includes one 400.4-GByte array (w/ 22*18.2-Gbyte 10000rpm FC-AL drives), twelve 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included). Factory Configuration only.	SG-ARY543A-400G				✓	✓
StorEdge A5200 18GB Model - Factory Rackmountable Options						
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rack mounting kit installed for StorEdge 72" Expansion Cabinet	SG-XARY541A-400G <sup>1</sup>				✓	✓
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2-GB, 10000rpm low profile FC-AL drives) includes 3 power supplies, two interface boards (1 GBIC each), and two 2 meter fiber optic cables. Rackmounting kit installed for 68" Enterprise System Cabinet.	SG-XARY542A-400G				✓	✓

### Footnote

1. Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>SCSI cables</b>	
Fast-wide 68-68pin SCSI Cable and GEO-specific power cord	X3856A
Fast-narrow 50-68pin SCSI Cable and GEO-specific power cord according to where this part was ordered for use with UniPack , FlexiPack, and MultiPack products.	X3857A
<b>Monitors</b>	
17-inch Entry color monitor, 15.7" diagonal viewable area, .28mm dot pitch, 1152x900 @ 66/76Hz, 1024x768 @ 60/77Hz, 30-75kHz, MPR-II, TCO'99, DDC1/2B, VESA DPMS, digital OSD, universal power supply ww agency compliances Standard version	X7143A
18.1" TFT LCD color monitor (20 CRT equivalent), IPS wide viewing angle, 1280x1024 @ 60/76Hz, analog RGB interface, standard captive 13W3 video output cable, Sun ID enclosure, Sun logo & color, Digital OSD controls, TCO'95, VESA DPMS, universal power supply, ww agency compliances Standard version	X7127A
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide standard/Korean versions	X7135A
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide -Sohem version	X7135A-STH
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide standard/Korean versions	X7136A
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide -Sohem version	X7136A-STH
The new Sun 24" wide screen color monitor is a high resolution display with digital multiscanning capabilities. The monitor features front panel controls with on-screen display in two modes (normal and expert), moire cancellation, VESA DDC interface, power management, tilt swivel capabilities, 13W3 and HD15-pin video connector	X7124A
<b>Input Devices</b>	
SunButtons - 32-Key Function I/O Device	X180A
SunDials - 8-Dial Interactive Graphics I/O Device for 3-D	X190A

## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U2 300/ 400	U5 360/ 333	U10 333/ 440	U60 360/ 450	U80 450
<b>SCSI Cables</b>						
Fast-wide 68-68pin SCSI Cable and GEO-specific power cord	X3856A	✓	✓	✓	✓	✓
Fast-narrow 50-68pin SCSI Cable and GEO-specific power cord according to where this part was ordered for use with UniPack , FlexiPack, and MultiPack products.	X3857A					
<b>Monitors</b>						
17-inch Entry color monitor, 15.7" diagonal viewable area, .28mm dot pitch, 1152x900 @ 66/76Hz, 1024x768 @ 60/77Hz, 30-75kHz, MPR-II, TCO'99, DDC1/2B, VESA DPMS, digital OSD, universal power supply ww agency compliances Standard version	X7143A	✓	✓	✓	✓	✓
18.1" TFT LCD color monitor (20 CRT equivalent), IPS wide viewing angle, 1280x1024 @ 60/76Hz, analog RGB interface, standard captive 13W3 video output cable, Sun ID enclosure, Sun logo & color, Digital OSD controls, TCO'95, VESA DPMS, universal power supply, ww agency compliances Standard version	X7127A	✓	✓	✓	✓	✓
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide standard/Korean versions	X7135A	✓	✓	✓	✓	✓
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide -Sohem version	X7135A-STH	✓	✓	✓	✓	✓
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide standard/Korean versions	X7136A	✓	✓	✓	✓	✓
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide -Sohem version	X7136A-STH	✓	✓	✓	✓	✓
The new Sun 24" wide screen color monitor is a high resolution display with digital multiscanning capabilities. The monitor features front panel controls with on-screen display in two modes (normal and expert), moire cancellation, VESA DDC interface, power management, tilt swivel capabilities, 13W3 and HD15-pin video connector	X7124A <sup>1</sup>	✓	✓	✓	✓	
<b>Input Devices</b>						
SunButtons - 32-Key Function I/O Device	X180A	✓	✓	✓	✓	✓
SunDials - 8-Dial Interactive Graphics I/O Device for 3-D	X190A	✓	✓	✓	✓	✓
<b>Notes</b> <ul style="list-style-type: none"> <li>Requires either an RS-232 or an RS-423 port.</li> <li>Append "V4" to the order number (e.g., XnnnXV4) for 240V operation.</li> </ul>						

### General Notes

- Monitor cannot be ordered as a standalone option.
- When ordering a 17" entry or 19" color monitor (X7103A or X7119A) in combination with a 13W3-based graphics x-option (Creator series, Elite series), a video adapter is required (X3872A).
- Localized power cord for monitors is shipped with localized country kit. When ordering a monitor and graphics x-option for an existing system as an additional display, be sure to order a localized power cord at no charge.



### Footnote

- 24-inch wide screen color monitor requires X3657A or X3659A Creator3D series 2 option for Ultra 30 systems only.



## Monitor/Graphics Accelerators Support Matrix

- The following Table shows which Monitor Options are supported with which Graphics Accelerators and options.

	 <b>Monitors</b>	17-inch Entry	18.1-inch TFT LCD Color	19-inch Flat Screen Color	21-inch Flat Screen Color	24-inch Color
<b>Graphics Cards</b> 	Order Number	X7143A	X7127A	X7135A X7135A-STH	X7136A X7136A-STH	X7124A
PGX32	X3668A	✓	✓	✓	✓	✓ <sup>1</sup>
Creator3D, series 3	X3670A	✓	✓	✓	✓	✓ <sup>2</sup>
Elite3D m3	X3677A	✓	✓	✓	✓	
Elite3D m6	X3679A	✓	✓	✓	✓	
Expert3D	X3678A	✓	✓	✓	✓	✓
Video Connector Adapter, HD15F to 13W3M	X3872A	✓		✓		
Video Connector Adapter, 13W3F to HD15M	X471A		✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>

- Maximum resolution of 1600x1000@76 Hz, single-buffered 8-bit color mode, preferably for desktop publishing, windowing and text based applications.
- Maximum resolution of 1900x1200@70Hz single-buffered, 24-bit mode, preferably where very high image resolution and color quality is required.
- When ordering a 13W3 based Monitor with Ultra 5 or Ultra 10 systems, a video adapter is required (X470A).
- Video Cable adapter (X470A) required only when using motherboard built in video (PGX based) HD-15 connector.

## **Network and Telco Servers**

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# Network and Telco Servers Internal Expansion Options

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Description	Order Number
<b>Mass Storage</b>	
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A
32x internal CD-ROM drive	X6166A

## Network and Telco Servers Internal Expansion Options Compatibility Matrix

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
Mass Storage		
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A <sup>2,3</sup>	✓
32x internal CD-ROM drive	X6166A <sup>2,3</sup>	✓

### Footnotes

1. Maximum discount may apply; contact your local Sun sales representative for details.
2. Requires Solaris 2.4 or later Solaris 2.x release.
3. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.

## Network and Telco Servers Internal Expansion Options

(continued)

Description	Order Number
<b>PCI Bus Options</b>	
10/100BaseT F/W UltraSCSI PCI Adapter 1.0 OEM ready - 07/97	X1032A
10BaseT FastEthernet PCI Adapter w/MII Sun FastEthernet 2.0 PCI is a 10/100 Ethernet Network interface card supporting the 33 Mhz PCI interface standard. The Sun FastEthernet 2.0 PCI also offers a MII interface to support external peripheral devices. OEM ready - 07/97	X1033A
Quad FastEthernet PCI Card (QFE) Quad FastEthernet is a high performance, high density network interface card. QFE provides immediate increase in bandwidth to the user in the PCI interface format. OEM ready - 07/97	X1034A
FDDI Single-Attach PCI Bus Interface Adapter 2.0	X1152A
FDDI Dual-Attach PCI Bus Interface Adapter 2.0	X1153A
Token Ring Interface PCI Bus Adapter 5.0 for Solaris 8 and earlier releases.	X2154A
High Speed Serial Interface PCI Bus Adapter 2.0 (PCI card, cable with four RS-449 connectors, Media, Docs and Single PCI license)	X1155A
Serial Asynchronous Interface PCI Bus Adapter 3.0 (PCI card, cable and external eight-port I/O box with RS-232 connectors, Media, and Docs) for Solaris 8 and earlier releases.	X2156A
PCI Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T. It is a half size PCI form factor for 5 and 3.3 volt options.	X1141A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/MFiber PCI Adapter 4.0	X1157A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/UTP PCI Adapter 4.0	X1158A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-622/MFiber PCI Adapter 4.0	X1159A

## Network and Telco Servers Internal Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
PCI Bus Options		
10/100BaseT F/W UltraSCSI PCI Adapter 1.0 OEM ready - 07/97	X1032A <sup>4</sup>	✓
10BaseT FastEthernet PCI Adapter w/MII Sun FastEthernet 2.0 PCI is a 10/100 Ethernet Network interface card supporting the 33 Mhz PCI interface standard. The Sun FastEthernet 2.0 PCI also offers a MII interface to support external peripheral devices. OEM ready - 07/97	X1033A <sup>4</sup>	✓
Quad FastEthernet PCI Card (QFE) Quad FastEthernet is a high performance, high density network interface card. QFE provides immediate increase in bandwidth to the user in the PCI interface format. OEM ready - 07/97	X1034A <sup>4</sup>	✓
FDDI Single-Attach PCI Bus Interface Adapter 2.0	X1152A <sup>2,3</sup>	✓
FDDI Dual-Attach PCI Bus Interface Adapter 2.0	X1153A <sup>2,3</sup>	✓
Token Ring Interface PCI Bus Adapter 5.0 for Solaris 8 and earlier releases.	X2154A <sup>5</sup>	✓
High Speed Serial Interface PCI Bus Adapter 2.0 (PCI card, cable with four RS-449 connectors, Media, Docs and Single PCI license)	X1155A <sup>2</sup>	✓
Serial Asynchronous Interface PCI Bus Adapter 3.0 (PCI card, cable and external eight-port I/O box with RS-232 connectors, Media, and Docs) for Solaris 8 and earlier releases.	X2156A <sup>5</sup>	✓
PCI Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T. It is a half size PCI form factor for 5 and 3.3 volt options.	X1141A	✓
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/MFiber PCI Adapter 4.0	X1157A <sup>4</sup>	✓
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/UTP PCI Adapter 4.0	X1158A	✓
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-622/MFiber PCI Adapter 4.0	X1159A <sup>4</sup>	✓

### Footnotes

1. Requires Solaris 2.5.
2. Requires Solaris 2.5.1, 2.6, Solaris 7 or later release.
3. Support for Dynamic Reconfiguration (DR) for Enterprise 10000 is currently only supported on Solaris 2.5.1 and Solaris 6.
4. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
5. Requires Solaris 2.5.1, 2.6, Solaris 7, Solaris 8, or later release.

# Network and Telco Servers Internal Expansion Options

*(continued)*

Description	Order Number
<b>Graphics Accelerators &amp; Adapters</b>	
Creator3D, Series 3, 24-bit color, double buffered graphics accelerator, horizontal board orientation.	X3671A
The video connector adapter is required for Sun's standard HD-15 pin monitors to use with existing workstation platforms that have a 13W3 video output. The video connector adapter HD-15 female to 13W3 male is needed for the SPARCSTATION 5 Model 7, ULTRA 1 Model 170, and TurboGX, PineApple 2 graphics, UPA graphics X-options.	X3872A
BAE VIDEO CONNECTOR 13W3F/HD15M,24"	X471A

## Network and Telco Servers Internal Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
Graphics Accelerators & Adapters		
Creator3D, Series 3, 24-bit color, double buffered graphics accelerator, horizontal board orientation.	X3671A	
The video connector adapter is required for Sun's standard HD-15 pin monitors to use with existing workstation platforms that have a 13W3 video output. The video connector adapter HD-15 female to 13W3 male is needed for the SPARCSTATION 5 Model 7, ULTRA 1 Model 170, and TurboGX, PineApple 2 graphics, UPA graphics X-options.	X3872A	
BAE VIDEO CONNECTOR 13W3F/HD15M,24"	X471A	

### General Note

- *For compatibility information about which graphics accelerators support which monitors, please refer to the Monitor/Graphics Accelerators Support Matrix. See page 6-88.*



## Network and Telco Servers External Expansion Options

Description	Order Number
<b>Mass Storage</b>	
18.2-Gbyte (2x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK020C-18G
36.4-Gbyte (4x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK040C-36G
54.6-Gbyte (6x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK060C-54G
36.4-Gbyte (2x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK020C-36G
72.8-Gbyte (4x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK040C-72G
109.2-Gbyte (6x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK060C-109G
DLT7000-Based 280GB Autoloader (Desktop)	SG-XLIBDLT1-280G
DLT7000-Based 280GB Autoloader (Rackmount)	SG-XLIBDLT2-280G
<b>Expansion Drives for Desktop MultiPack</b>	
NEBS certifiable disk, Netra Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high w/ barrier plate. NEBS level 3 certified with Netra server or storage.	X5239A

## Network and Telco Servers External Expansion Options Compatibility Matrix

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
Mass Storage		
18.2-Gbyte (2x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK020C-18G	✓
36.4-Gbyte (4x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK040C-36G	✓
54.6-Gbyte (6x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK060C-54G <sup>4</sup>	✓
36.4-Gbyte (2x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK020C-36G	✓
72.8-Gbyte (4x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK040C-72G	✓
109.2-Gbyte (6x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK060C-109G <sup>4</sup>	✓
DLT7000-Based 280GB Autoloader (Desktop)	SG-XLIBDLT1-280G <sup>1,2,3,4</sup>	
DLT7000-Based 280GB Autoloader (Rackmount)	SG-XLIBDLT2-280G <sup>1,2,3,4</sup>	
Expansion Drives for Desktop MultiPack		
NEBS certifiable disk, Netra Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high w/ barrier plate. NEBS level 3 certified with Netra server or storage.	X5239A	

### Ordering Notes

- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to another StorEdge UniPack, FlexiPack, or MultiPack (daisy-chaining)
- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to Ultra 2, Ultra 30/60, Ultra/Enterprise 450 or Netra t.
- Order X3857A 50-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to a 50-pin device such as a SparcStation or Ultra 1.

### Footnotes

1. For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section.
2. Requires appropriate differential SCSI card.
3. The Sun StorEdge LibMON 2.0 software and a patch (expected availability of 1/99) support this library.
4. Standard Configurations are Sun's recommended configurations.

## Network and Telco Servers External Expansion Options

(continued)

Description	Order Number
<b>StorEdge Tape Libraries</b>	
Sun StorEdge L400 Tape Library 400GB Native Capacity 1 Drive (Desktop)	SG-XLIB8MMB-400G
Sun StorEdge L400 Tape Library 400 GB Native Capacity, 2-Drive (Desktop)	SG-XLIB8MM1-400G
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Desktop)	SG-XLIBDLT1-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Desktop)	SG-XLIBDLT4-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Rackmount)	SG-XLIBDLT1R-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Rackmount)	SG-XLIBDLT4R-1TB-2
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 2 Drive	X6079A
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 7 Drive	X6080A
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 4-Drive	SG-XLIBDLT4-11TB
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 16-Drive	SG-XLIBDLT16-11TB
Country Kit Accessory Power User Workstation and SPARCserver Cable 12-meter Differential SCSI Cable	X979A
4-meter 68-pin to VHDC differential Ultra SCSI cable	X3830A
10-meter 68-pin to VHDC differential Ultra SCSI cable NOTE: This option is only to be used with (X)6541A Dual-channel differential UltraSCSI PCI host adapter.	X3831A

## Network and Telco Servers External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers t 1120 t 1125
<b>StorEdge Tape Libraries</b>		
Sun StorEdge L400 Tape Library 400GB Native Capacity 1 Drive (Desktop)	SG-XLIB8MMB-400G <sup>1,2,3</sup>	
Sun StorEdge L400 Tape Library 400 GB Native Capacity, 2-Drive (Desktop)	SG-XLIB8MM1-400G <sup>2,3,4</sup>	
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Desktop)	SG-XLIBDLT1-1TB-2	
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Desktop)	SG-XLIBDLT4-1TB-2 <sup>9</sup>	
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Rackmount)	SG-XLIBDLT1R-1TB-2 <sup>5</sup>	
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Rackmount)	SG-XLIBDLT4R-1TB-2 <sup>5,9</sup>	
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 2 Drive	X6079A <sup>1,4,7</sup>	
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 7 Drive	X6080A <sup>1,4,7,9</sup>	
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 4-Drive	SG-XLIBDLT4-11TB <sup>1,4,8,9</sup>	
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 16-Drive	SG-XLIBDLT16-11TB <sup>1,4,8,9</sup>	
Country Kit Accessory Power User Workstation and SPARCserver Cable 12-meter Differential SCSI Cable	X979A	
4-meter 68-pin to VHDC differential Ultra SCSI cable	X3830A	
10-meter 68-pin to VHDC differential Ultra SCSI cable NOTE: This option is only to be used with (X)6541A Dual-channel differential UltraSCSI PCI host adapter.	X3831A	

### Footnotes

1. For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section.
2. Requires Solstice Backup 4.2.6 or Enterprise NetBackup 3.1.1 and the 1-32 Slot Capacity Jukebox Software Module License to run in a random-access mode and to access the bar-code reader functions.
3. For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section.
4. Requires DWIS/S Host Adapter(s) for every two drives ordered. For E450, order (X)6541A.
5. Append R5 to the order number (e.g. SG-nnnnnnnnnn-nnnR5) for installation into Expansion Cabinet
6. Requires Solstice Backup 4.2.6 or Enterprise NetBackup 3.1.1 and the 1-64 Slot Capacity Jukebox Software Module License to run in a random-access mode and to access the bar-code reader functions.
7. Requires Solstice Backup 4.2.6 or Enterprise NetBackup 3.1.1 and the 1-128 Slot Capacity Jukebox Software Module License to run in a random-access mode and to access the bar-code reader functions.
8. Installation is included free-of-charge for this product. Please refer to <http://storageweb.eng.sun.com/products/L11000/form.html> for details.
9. Standard Configurations are Sun's recommended configurations.

# Network and Telco Servers External Expansion Options

(continued)

Description	Order Number
<b>Expansion Drives for the StorEdge Libraries</b>	
Internal 8mm Tape Drive for Sun StorEdge L400 Library	SG-XTAP8MM-400G
DLT7000 Tape Drive for use in the Sun StorEdge L1000	SG-XTAPDLT1-1TB
2 DLT7000 Tape Drives for use in the Sun StorEdge L11000	SG-XTAPDLT2-11TB
DLT7000 Tape Drive for use in the Sun StorEdge L1800 and L3500	X6063A
<b>UniPack</b>	
9.1-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-9G
18.2-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-18G
12GB 4mm DDS-3 in a UniPack desktop enclosure.	SG-XTAP4MM-011A
7GB 8mm drive in UniPack desktop enclosure. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-010A
20GB 8mm drive in a UniPack desktop enclosure. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-011A

## Network and Telco Servers External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers t 1120 t 1125
<b>Expansion Drives for for the StorEdge Libraries</b>		
Internal 8mm Tape Drive for Sun StorEdge L400 Library	SG-XTAP8MM-400G <sup>1</sup>	
DLT7000 Tape Drive for use in the Sun StorEdge L1000	SG-XTAPDLT1-1TB	
2 DLT7000 Tape Drives for use in the Sun StorEdge L11000	SG-XTAPDLT2-11TB	
DLT7000 Tape Drive for use in the Sun StorEdge L1800 and L3500	X6063A <sup>1</sup>	
<b>UniPack</b>		
9.1-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-9G <sup>2</sup>	✓
18.2-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-18G <sup>2</sup>	✓
12GB 4mm DDS-3 in a UniPack desktop enclosure.	SG-XTAP4MM-011A <sup>2</sup>	✓
7GB 8mm drive in UniPack desktop enclosure. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-010A	✓
20GB 8mm drive in a UniPack desktop enclosure. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-011A <sup>2</sup>	✓

*Note:* For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.

### Footnotes

1. Requires Solaris 2.3 or later Solaris 2.x release.
2. Standard Configurations are Sun's recommended configurations.

# Network and Telco Servers External Expansion Options

(continued)

Description	Order Number
<b>FlexiPack</b>	
12GB 4mm DDS-3 in a FlexiPack desktop enclosure. Includes one (1) 4mm tape drive plus one (1) available half-height open bay in the FlexiPack.	SG-XTAP4MM-021A
72GB 4mm DDS-3 autoloader in a FlexiPack desktop enclosure. Transfer rate of 1 MB/sec.	SG-XTAP4MM-031A
7GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-020A
20GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-021A
35GB DLT7000 tape drive in a FlexiPack desktop enclosure. Transfer rate of 5 MB/sec.	SG-XTAPDLT-021A
<b>Expansion Drives for FlexiPack</b>	
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A
7-Gbyte 8mm internal tape (for workstations)	X6212A
20-40-Gbyte 8mm internal Tape drive for the FlexiPack	X6236A

## Network and Telco Servers External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
FlexiPack		
12GB 4mm DDS-3 in a FlexiPack desktop enclosure. Includes one (1) 4mm tape drive plus one (1) available half-height open bay in the FlexiPack.	SG-XTAP4MM-021A	✓
72GB 4mm DDS-3 autoloader in a FlexiPack desktop enclosure. Transfer rate of 1 MB/sec.	SG-XTAP4MM-031A	✓
7GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-020A	✓
20GB 8mm drive in a FlexiPack desktop enclosure, Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-021A	✓
35GB DLT7000 tape drive in a FlexiPack desktop enclosure. Transfer rate of 5 MB/sec.	SG-XTAPDLT-021A <sup>3</sup>	✓
Expansion Drives for FlexiPack		
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A <sup>2</sup>	
7-Gbyte 8mm internal tape (for workstations)	X6212A	
20-40-Gbyte 8mm internal Tape drive for the FlexiPack	X6236A <sup>1</sup>	
Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.		

### Ordering Notes

- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to another StorEdge UniPack, FlexiPack, or MultiPack (daisy-chaining)
- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to Ultra 2, Ultra 30/60, Ultra/Enterprise 450 or Netra t.
- Order X3857A 50-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to a 50-pin device such as a SparcStation or Ultra 1.

### Footnotes

1. A SWIS/S Host Adapter is required for wide SCSI functionality.
2. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
3. Standard Configurations are Sun's recommended configurations.



## Network and Telco Servers External Expansion Options

(continued)

Description	Order Number
<b>StorEdge A1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan trays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-36G
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-109G
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 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY151A-72G
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	SG-XARY151A-218G
<b>StorEdge A1000 Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY146A-36G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY152A-72G
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A

## Network and Telco Servers External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
StorEdge A1000 Tabletop/Deskside/Rackmountable		
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan trays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-36G	✓
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-109G <sup>3</sup>	✓
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 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY151A-72G	✓
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	SG-XARY151A-218G <sup>3</sup>	✓
StorEdge A1000 Rackmountable		
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY146A-36G <sup>1,2</sup>	✓
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY152A-72G <sup>1</sup>	✓
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A	

### Footnotes

1. Remove the "X" and append R5 (i.e. SG-ARY152A-72GR5) for installation in the Sun StorEdge Expansion Cabinet.
2. Remove the X and append R4 for (i.e. SG-ARY146A-36GR4) for installation in Enterprise System Cabinet.
3. Standard Configurations are Sun's recommended configurations.

## Network and Telco Servers External Expansion Options

(continued)

Description	Order Number
<b>StorEdge D1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-36G
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-109G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-72G
218-Gbyte (12 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-218G
<b>StorEdge D1000 Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY147A-36G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY154A-72G
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A

## Network and Telco Servers External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers t 1120 t 1125
StorEdge D1000 Tabletop/Deskside/Rackmountable		
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-36G	✓
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-109G <sup>2</sup>	✓
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-72G	✓
218-Gbyte (12 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-218G <sup>2</sup>	✓
StorEdge D1000 Rackmountable		
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY147A-36G <sup>1</sup>	✓
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY154A-72G <sup>1</sup>	✓
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A	

### Footnotes

1. Remove the "X" and append R5 (i.e. SG-nnnnnnnn-nnGR5) for factory installation in the Sun StorEdge Expansion Cabinet.
1. Standard Configurations are Sun's recommended configurations.

# Network and Telco Servers External Expansion Options

*(continued)*

Description	Order Number
<b>SCSI Cables</b>	
Fast-wide 68-68pin SCSI Cable and GEO-specific power cord	X3856A
Fast-narrow 50-68pin SCSI Cable and GEO-specific power cord according to where this part was ordered for use with UniPack , FlexiPack, and MultiPack products.	X3857A

## Network and Telco Servers External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	Sun Netra Servers
		t 1120 t 1125
SCSI Cables		
Fast-wide 68-68pin SCSI Cable and GEO-specific power cord	X3856A	✓
Fast-narrow 50-68pin SCSI Cable and GEO-specific power cord according to where this part was ordered for use with UniPack , FlexiPack, and MultiPack products.	X3857A	

## **Workgroup Servers**

# Workgroup Servers Internal Expansion Options

Description	Order Number
<b>Mass Storage</b>	
Internal 9.1-Gbyte, 10000 RPM 1" high, UltraSCSI disk drive	X5234A
Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high	X5237A
7-Gbyte 8mm internal tape (for workstations)	X6212A
7-Gbyte 8mm Internal Tape Drive	X6213A
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A
12GB 4mm DDS-3 internal tape for Ultra 150 and Netra 150 systems and Enterprise 250 & 450 systems	X6286A
20GB 4mm DDS-4 internal tape for Narrow SCSI interface	X6295A
3.5" 1.44-Mbyte internal Floppy Disk Drive for Ultra 2 with cable	X6003A
Manual-eject floppy drive for Tazmo systems.	X6005A
14-32X internal CD-ROM drive for Ultra/Enterprise 2	X6167A
Fast-narrow SCSI-2 Cable for connecting X-options to Ultra 2.	X3860A



## Workgroup Servers Internal Expansion Options Compatibility Matrix

Description	Order Number	UE 2	U5	U10	E	E
		1300 2300	270	300	250 450	220R 420R
Mass Storage						
Internal 9.1-Gbyte, 10000 RPM 1" high, UltraSCSI disk drive	X5234A <sup>1</sup>				✓	✓
Internal 18.2-Gbyte, 10000 RPM UltraSCSI disk drive, 1" high	X5237A				✓	✓
7-Gbyte 8mm internal tape (for workstations)	X6212A <sup>2</sup>	33				
7-Gbyte 8mm Internal Tape Drive	X6213A				✓	✓
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A <sup>2,4</sup>	33				
12GB 4mm DDS-3 internal tape for Ultra 150 and Netra 150 systems and Enterprise 250 & 450 systems	X6286A				✓	<sup>35</sup>
20GB 4mm DDS-4 internal tape for Narrow SCSI interface	X6295A				✓	✓
3.5" 1.44-Mbyte internal Floppy Disk Drive for Ultra 2 with cable	X6003A	✓				
Manual-eject floppy drive for Tazmo systems.	X6005A				✓	
14-32X internal CD-ROM drive for Ultra/Enterprise 2	X6167A	✓				
Fast-narrow SCSI-2 Cable for connecting X-options to Ultra 2.	X3860A	✓				

### Footnotes

1. Maximum discount may apply; contact your local Sun sales representative for details.
2. When ordering this X-option for the Enterprise 2 platform, be sure to also order X3860A which is a necessary SCSI cable to attach any internal storage peripheral to an Enterprise 2. If ordering this X-option for the Enterprise 1 platform, you do NOT need to order X-Option X3860A.
3. To add an internal tape drive, the CD ROM must be removed.
4. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
5. This product can be ordered only as an X-option. To install, remove CD-ROM drive. Both CD-ROM drive and internal tape CANNOT be in the system at the same time.

## Workgroup Servers Internal Expansion Options *(continued)*

Description	Order Number
<b>SBus Options</b>	
SunFDDI 6.0 Single-Attach SBus Adapter (SAS) (SBus Card, Media, Documentation and Single-SBus License)	X1142A
SunFDDI 6.0 Dual-Attach SBus Adapter (DAS) (SBus Card, Media, Documentation and Single-SBus License)	X1143A
Serial Parallel Controller (SPC/S) for Solaris 2.x (S-Bus card, cable and external eight-port I/O box with RS-232 connectors, and Docs)	X1146A
SunSwift 100BaseT fast/wide SCSI SBus Adapter	X1018A
Token Ring Interface/SBus (TRI/S) for Solaris 8 and earlier releases. (SBus Card, Media, Documentation and Single-SBus license)	X2144A
High-Speed Serial Interface/SBus (HSI/S) for Solaris 2.x (SBus Card, cable with four RS-449 connectors Media, Docs and Single-SBus license)	X1145A
SBus Fast SCSI-2/Buffered Ethernet Card (FSBE/S)	X1053A
SBus Fast/Wide Differential Intelligent SCSI-2 Host Adapter (DWIS/S)	X1062A
SBus Single-Ended Fast/Wide Intelligent SCSI-2 Host Adapter (SWIS/S)	X1063A
SBus SCSI Host Adapter	X1055A
Quad FastEthernet 2.0 SBus Card (QFE) supports Sun Trunking 1.0 software	X1049A
SBus Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T.	X1140A
SunFastEthernet 10/100 SBus Adapter 2.0 SBus Card, Media, Documentation and Single-SBus License SunFastEthernet 10/100 SBus Adapter 2.0	X1059A
PCMCIA Interface/SBus Card	X1030A
SunATM SBus Adapter 4.0 Update 1 SBus Card, Documentation, and Single-SBus License SunATM-155/MFiber SBus Adapter 4.0	X1147A
SunATM SBus Adapter 4.0 Update 1 SBus Card, Documentation, and Single-SBus License SunATM-155/UTP5 SBus Adapter 4.0	X1148A
SunATM SBus Adapter 4.0 Update 1 SBus Card, Documentation, and Single-SBus License SunATM-622/MFiber SBus Adapter 4.0	X1149A
SBus Ultra Differential F/W Intelligent SCSI Host Adapter.	X1065A

## Workgroup Servers Internal Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2 1300 2300	U5 270	U10 300	E 250 450	E 220R 420R
<b>SBus Options</b>						
SunFDDI 6.0 Single-Attach SBus Adapter (SAS) (SBus Card, Media, Documentation and Single-SBus License)	X1142A <sup>6</sup>	✓				
SunFDDI 6.0 Dual-Attach SBus Adapter (DAS) (SBus Card, Media, Documentation and Single-SBus License)	X1143A <sup>6,7</sup>	✓				
Serial Parallel Controller (SPC/S) for Solaris 2.x (S-Bus card, cable and external eight-port I/O box with RS-232 connectors, and Docs)	X1146A <sup>6</sup>	✓				
SunSwift 100BaseT fast/wide SCSI SBus Adapter	X1018A <sup>5</sup>	✓				
Token Ring Interface/SBus (TRI/S) for Solaris 8 and earlier releases. (SBus Card, Media, Documentation and Single-SBus license)	X2144A <sup>8</sup>	✓				
High-Speed Serial Interface/SBus (HSI/S) for Solaris 2.x (SBus Card, cable with four RS-449 connectors Media, Docs and Single-SBus license)	X1145A <sup>6</sup>	✓				
SBus Fast SCSI-2/Buffered Ethernet Card (FSBE/S)	X1053A	✓				
SBus Fast/Wide Differential Intelligent SCSI-2 Host Adapter (DWIS/S)	X1062A <sup>1</sup>	✓				
SBus Single-Ended Fast/Wide Intelligent SCSI-2 Host Adapter (SWIS/S)	X1063A <sup>1</sup>	✓				
SBus SCSI Host Adapter	X1055A	✓				
Quad FastEthernet 2.0 SBus Card (QFE) supports Sun Trunking 1.0 software	X1049A	✓				
SBus Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T.	X1140A	✓				
SunFastEthernet 10/100 SBus Adapter 2.0 SBus Card, Media, Documentation and Single-SBus License SunFastEthernet 10/100 SBus Adapter 2.0	X1059A <sup>2</sup>	✓				
PCMCIA Interface/SBus Card	X1030A	✓				
SunATM SBus Adapter 4.0 Update 1 SBus Card, Documentation, and Single-SBus License SunATM-155/MFiber SBus Adapter 4.0	X1147A <sup>3</sup>	✓				
SunATM SBus Adapter 4.0 Update 1 SBus Card, Documentation, and Single-SBus License SunATM-155/UTP5 SBus Adapter 4.0	X1148A <sup>3</sup>	✓				
SunATM SBus Adapter 4.0 Update 1 SBus Card, Documentation, and Single-SBus License SunATM-622/MFiber SBus Adapter 4.0	X1149A <sup>3</sup>	✓				
SBus Ultra Differential F/W Intelligent SCSI Host Adapter.	X1065A	✓				

#### Footnotes

1. Requires Solaris 2.3 or later Solaris 2.x release.
2. Requires Solaris 1.1.2, or Solaris 2.5 or later Solaris 2.x release.
3. Requires Solaris 2.4 Hardware: 11/94 or later Solaris 2.x Hardware Publication.
4. Requires Solaris 2.3 or later Solaris 2.x release, OpenWindows or a Motif-based window manager, and a system with a minimum of 32 Mbytes of RAM (48 Mbytes is recommend).
5. Requires Solaris 2.5.
6. Requires Solaris 2.5.1, 2.6, Solaris 7 or later release.
7. Support for Dynamic Reconfiguration (DR) for Enterprise 10000 is currently only supported on Solaris 2.5.1 and Solaris 6.
8. Requires Solaris 2.5.1, 2.6, Solaris 7, Solaris 8, or later release.

## Workgroup Servers Internal Expansion Options *(continued)*

Description	Order Number
<b>PCI Bus Options</b>	
10/100BaseT F/W UltraSCSI PCI Adapter 1.0 OEM ready - 07/97	X1032A
10BaseT FastEthernet PCI Adapter w/MII Sun FastEthernet 2.0 PCI is a 10/100 Ethernet Network interface card supporting the 33 Mhz PCI interface standard. The Sun FastEthernet 2.0 PCI also offers a MII interface to support external peripheral devices. OEM ready - 07/97	X1033A
Quad FastEthernet PCI Card (QFE) Quad FastEthernet is a high performance, high density network interface card. QFE provides immediate increase in bandwidth to the user in the PCI interface format. OEM ready - 07/97	X1034A
FDDI Single-Attach PCI Bus Interface Adapter 2.0	X1152A
FDDI Dual-Attach PCI Bus Interface Adapter 2.0	X1153A
Token Ring Interface PCI Bus Adapter 5.0 for Solaris 8 and earlier releases.	X2154A
High Speed Serial Interface PCI Bus Adapter 2.0 (PCI card, cable with four RS-449 connectors, Media, Docs and Single PCI license)	X1155A
Serial Asynchronous Interface PCI Bus Adapter 3.0 (PCI card, cable and external eight-port I/O box with RS-232 connectors, Media, and Docs) for Solaris 8 and earlier releases.	X2156A
PCI Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T. It is a half size PCI form factor for 5 and 3.3 volt options.	X1141A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/MFiber PCI Adapter 4.0	X1157A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/UTP PCI Adapter 4.0	X1158A
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-622/MFiber PCI Adapter 4.0	X1159A
Dual-channel single-ended UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6540A
Dual-channel differential UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6541A
PCI FC-AL single-loop host adapter 100MB/s optical interface.	X6729A
Sun Gigabit Ethernet plus FC-AI Combination adapter (PCI)	X2069A

## Workgroup Servers Internal Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2 1300 2300	U5 270	U10 300	E 250	E 450	E 220R	E 420R
<b>PCI Bus Options</b>								
10/100BaseT F/W UltraSCSI PCI Adapter 1.0 OEM ready - 07/97	X1032A <sup>6</sup>		✓	✓	4	8	4	4
10BaseT FastEthernet PCI Adapter w/MII Sun FastEthernet 2.0 PCI is a 10/100 Ethernet Network interface card supporting the 33 Mhz PCI interface standard. The Sun FastEthernet 2.0 PCI also offers a MII interface to support external peripheral devices. OEM ready - 07/97	X1033A <sup>6</sup>		✓	✓	4	8	4	4
Quad FastEthernet PCI Card (QFE) Quad FastEthernet is a high performance, high density network interface card. QFE provides immediate increase in bandwidth to the user in the PCI interface format. OEM ready - 07/97	X1034A <sup>6</sup>		1	1	2 <sup>2</sup>	4	2 <sup>2</sup>	3
FDDI Single-Attach PCI Bus Interface Adapter 2.0	X1152A <sup>3,4</sup>		✓	✓	4	6	3	3
FDDI Dual-Attach PCI Bus Interface Adapter 2.0	X1153A <sup>3,4</sup>		✓	✓	4	6	3	3
Token Ring Interface PCI Bus Adapter 5.0 for Solaris 8 and earlier releases.	X2154A <sup>6</sup>		✓	✓	4	4	4	4
High Speed Serial Interface PCI Bus Adapter 2.0 (PCI card, cable with four RS-449 connectors, Media, Docs and Single PCI license)	X1155A <sup>3</sup>		✓	✓	3	4	3	3
Serial Asynchronous Interface PCI Bus Adapter 3.0 (PCI card, cable and external eight-port I/O box with RS-232 connectors, Media, and Docs) for Solaris 8 and earlier releases.	X2156A <sup>6</sup>		✓	✓	4	4	4	4
PCI Gigabit Ethernet Network Interface Card which provides Sun customers with the next generation Gigabit Ethernet product. The adapter has a single multimode fiber interface which supports 1000Base-T. It is a half size PCI form factor for 5 and 3.3 volt options.	X1141A		✓	✓	1	2	2	3
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/MFiber PCI Adapter 4.0	X1157A <sup>5</sup>		1	2	3 <sup>2</sup>	4	2 <sup>2</sup>	3
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-155/UTP PCI Adapter 4.0	X1158A		1	2	2 <sup>2</sup>	4	2 <sup>2</sup>	3
SunATM PCI Adapter 4.0 Update 1 PCI Bus Card, Documentation, and Single-PCI Bus License SunATM-622/MFiber PCI Adapter 4.0	X1159A <sup>5</sup>		1	1	3 <sup>2</sup>	4	2 <sup>2</sup>	3
Dual-channel single-ended UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6540A		4	4	4	10	4	4
Dual-channel differential UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6541A		4	4	4	10	4	4
PCI FC-AL single-loop host adapter 100MB/s optical interface.	X6729A <sup>1</sup>				4	7	3	3
Sun Gigabit Ethernet plus FC-Al Combination adapter (PCI)	X2069A <sup>7</sup>				✓	✓	✓	✓

#### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

#### Footnotes

- Requires Solaris 2.6 or later release
- Each X1034A, X1157A, X1158A, or X1159A requires 300MHz of CPU per card. The number supported on the E250 and E220R depends on the number and type of processors per system.
- Requires Solaris 2.5.1, 2.6, Solaris 7 or later release.
- Support for Dynamic Reconfiguration (DR) for Enterprise 10000 is currently only supported on Solaris 2.5.1 and Solaris 6.
- This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.
- Requires Solaris 2.5.1, 2.6, Solaris 7, Solaris 8, or later release.
- Requires Solaris 7 11/99 or later release.

### Workgroup Servers Internal Expansion Options *(continued)*

Description	Order Number
<b>Graphics Accelerators &amp; Adapters</b>	
Creator3D, Series 3, 24-bit color, double buffered graphics accelerator, horizontal board orientation.	X3671A
PGX32 8&24 Color Frame Buffer, Software on CD, Video adapter cable (Only for PCI systems)	X3668A
The video connector adapter is required for Sun's standard HD-15 pin monitors to use with existing workstation platforms that have a 13W3 video output. The video connector adapter HD-15 female to 13W3 male is needed for the SPARCSTATION 5 Model 7, ULTRA 1 Model 170, and TurboGX, PineApple 2 graphics, UPA graphics X-options.	X3872A
BAE VIDEO CONNECTOR 13W3F/HD15M,24"	X471A

## Workgroup Servers Internal Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2		U5	U10	E	E
		1300	2300	270	300	250 450	220R 420R
Graphics Accelerators & Adapters							
Creator3D, Series 3, 24-bit color, double buffered graphics accelerator, horizontal board orientation.	X3671A	✓	✓				
PGX32 8&24 Color Frame Buffer, Software on CD, Video adapter cable (Only for PCI systems)	X3668A					✓	✓
The video connector adapter is required for Sun's standard HD-15 pin monitors to use with existing workstation platforms that have a 13W3 video output. The video connector adapter HD-15 female to 13W3 male is needed for the SPARCSTATION 5 Model 7, ULTRA 1 Model 170, and TurboGX, PineApple 2 graphics, UPA graphics X-options.	X3872A			✓	✓	✓	
BAE VIDEO CONNECTOR 13W3F/HD15M,24"	X471A						

#### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

#### Footnote

1. Requires Solaris 2.5.

# Workgroup Servers External Expansion Options

Description	Order Number
<b>Mass Storage</b>	
18.2-Gbyte (2x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK020C-18G
36.4-Gbyte (2x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK020C-36G
36.4-Gbyte (4x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK040C-36G
72.8-Gbyte (4x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK040C-72G
54.6-Gbyte (6x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK060C-54G
109.2-Gbyte (6x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK060C-109G
DLT7000-Based 280GB Autoloader (Desktop)	SG-XLIBDLT1-280G
DLT7000-Based 280GB Autoloader (Rackmount)	SG-XLIBDLT2-280G



## Workgroup Servers External Expansion Options Compatibility Matrix

Description	Order Number	UE 2		U5	U10	E	E
		1300	2300	270	300	250 450	220R 420R
Mass Storage							
18.2-Gbyte (2x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK020C-18G	✓	✓	✓	✓	✓	✓
36.4-Gbyte (2x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK020C-36G	✓	✓	✓	✓	✓	✓
36.4-Gbyte (4x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK040C-36G	✓	✓	✓	✓	✓	✓
72.8-Gbyte (4x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK040C-72G	✓	✓	✓	✓	✓	✓
54.6-Gbyte (6x9.1GB) 10000 RPM StorEdge MultiPack	SG-XDSK060C-54G <sup>3</sup>	✓	✓	✓	✓	✓	✓
109.2-Gbyte (6x18.2GB) 10k RPM StorEdge MultiPack	SG-XDSK060C-109G <sup>3</sup>	✓	✓	✓	✓	✓	✓
DLT7000-Based 280GB Autoloader (Desktop)	SG-XLIBDLT1-280G <sup>1,2,3</sup>	✓	✓	✓	✓	✓	✓
DLT7000-Based 280GB Autoloader (Rackmount)	SG-XLIBDLT2-280G <sup>1,2,3</sup>	✓	✓	✓	✓	✓	✓
Expansion Drives for Desktop MultiPack							

### Ordering Notes

- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to another StorEdge UniPack, FlexiPack, or MultiPack (daisy-chaining)
- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to Ultra 2, Ultra 30/60, Ultra/Enterprise 450 or Netra t.
- Order X3857A 50-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to a 50-pin device such as a SparcStation or Ultra 1.

### Footnotes

1. Requires appropriate differential SCSI card.
2. The Sun StorEdge LibMON 2.0 software and a patch (expected availability of 1/99) support this library.
3. Standard Configurations are Sun's recommended configurations.

## Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan trays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-36G
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-109G
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 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY151A-72G
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	SG-XARY151A-218G
<b>StorEdge A1000 Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY146A-36G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY152A-72G
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2	U5	U10	E	E/ HPC	E	E
		1300 2300	270	300	250	450	220 R	420 R
StorEdge A1000 Tabletop/Deskside/Rackmountable								
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fan trays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-36G	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 Tabletop, Deskside, w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY144A-109G <sup>4</sup>	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
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 fantrays (4fans), 2 Differential UltraSCSI to host ports	SG-XARY151A-72G	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
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	SG-XARY151A-218G <sup>4</sup>	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
StorEdge A1000 Rackmountable								
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB std. cache, 2 Power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY146A-36G <sup>2,3</sup>	✓	✓	✓	31	31	31	31
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge A1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 HW RAID Controller, 24MB Std. Cache 2 power supplies, 2 fantrays (4fans), 2 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY152A-72G <sup>2</sup>	✓	✓	✓	31	31	31	31
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A							

#### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

#### Footnotes

1. Requires Solaris 2.6.
2. Remove the "X" and append R5 (i.e. SG-ARY152A-72GR5) for installation in the Sun StorEdge Expansion Cabinet.
3. Remove the X and append R4 for (i.e. SG-ARY146A-36GR4) for installation in Enterprise System Cabinet.
4. Standard Configurations are Sun's recommended configurations.

## Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge D1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-36G
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-109G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-72G
218-Gbyte (12 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-218G
<b>StorEdge D1000 Tabletop/Deskside/Rackmountable</b>	
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY147A-36G
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY154A-72G
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2	U5	U10	E	E/ HPC	E	E
		1300 2300	270	300	250	450	220 R	420 R
StorEdge D1000 Tabletop/Deskside/Rackmountable								
109-Gbyte (12 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 Tabletop, Deskside, w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY145A-109G <sup>3</sup>	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-72G	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
218-Gbyte (12 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 Tabletop or Deskside w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports	SG-XARY153A-218G <sup>3</sup>	4	6	8	8 <sup>1</sup>	14 <sup>1</sup>	8	8
StorEdge D1000 Rackmountable								
36-Gbyte (4 x 9.1-Gbyte 10K RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY147A-36G <sup>2</sup>	✓	✓	✓	3 <sup>1</sup>	3 <sup>1</sup>	✓	✓
72-Gbyte (4 x 18-Gbyte 10,000 RPM disks) Sun StorEdge D1000 for rack mounting in the StorEdge or Enterprise Expansion Racks w/1 Interface Card, 2 Power supplies, 2 fantrays (4fans), 4 Differential UltraSCSI to host ports, and rackmount rails.	SG-XARY154A-72G <sup>2</sup>	✓	✓	✓	3 <sup>1</sup>	3 <sup>1</sup>	✓	✓
A1000/D1000 Rackmount Kit for tabletop conversion, includes rails and rackmount tray.	X9653A							

#### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

#### Footnotes

1. Requires Solaris 2.6.
2. Remove the "X" and append R5 (i.e. SG-nnnnnnnn-nnGR5) for factory installation in the Sun StorEdge Expansion Cabinet.
3. Standard Configurations are Sun's recommended configurations.

## Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A3500</b>	
72-GB Sun StorEdge A3500-Light (8x9.1GB, 10K RPM drives) w/2 trays, two 12m USCSI cables, one controller modules (2 controllers), redundant fans, drives and power supplies, and rackmount rails.	SG-XARY366A-72G
91-GB Sun StorEdge A3500 10x9.1GB, 10K RPM drives) with 5 trays mounted in StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY370A-91G
182-GB Sun StorEdge A3500 (20 x 9.1-GB, 10K-rpm drives) with 7 trays mounted in StorEdge expansion cabinet, redundant fans drives and power supplies	SG-ARY372A-182G
545-GB Sun StorEdge A3500 (60x9.1GB, 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	SG-XARY360A-545G
273-GB Sun StorEdge A3500 (30 x 9.1-GB, 10K-rpm drives) with 15 trays mounted in two StorEdge expansion cabinet, Redundant fans, drives and power supplies	SG-ARY374A-273G
182-GB Sun StorEdge A3500 (10x18GB, 10K-rpm drives) five disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies.	SG-ARY380A-182G
364-GB Sun StorEdge A3500 (20 x 18.2-GB, 10K-rpm drives), 7 disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY382A-364G
546-GB Sun StorEdge A3500 (30 x 18.2-GB, 10K-rpm drives) fifteen disk trays mounted in two StorEdge expansion cabinets, redundant fans, drives and power supplies	SG-ARY384A-546G
<b>Netra st D130</b>	
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.	NS-XDSKD130-36GAC

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2	U5	U10	E	E
		1300 2300	270	300	250 450	220R 420R
StorEdge A3500						
72-GB Sun StorEdge A3500-Light (8x9.1GB, 10K RPM drives) w/2 trays, two 12m USCSI cables, one controller modules (2 controllers), redundant fans, drives and power supplies, and rackmount rails.	SG-XARY366A-72G <sup>1</sup>	2	✓	✓	2 <sup>2</sup>	2
91-GB Sun StorEdge A3500 10x9.1GB, 10K RPM drives) with 5 trays mounted in StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY370A-91G	2	✓	✓	2 <sup>2</sup>	2
182-GB Sun StorEdge A3500 (20 x 9.1-GB, 10K-rpm drives) with 7 trays mounted in StorEdge expansion cabinet, redundant fans drives and power supplies	SG-ARY372A-182G	2	✓	✓	2 <sup>2</sup>	2
545-GB Sun StorEdge A3500 (60x9.1GB, 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	SG-XARY360A-545G <sup>3</sup>	2	✓	✓	2 <sup>2</sup>	2
273-GB Sun StorEdge A3500 (30 x 9.1-GB, 10K-rpm drives) with 15 trays mounted in two StorEdge expansion cabinet, Redundant fans, drives and power supplies	SG-ARY374A-273G	2	✓	✓	2 <sup>2</sup>	2
182-GB Sun StorEdge A3500 (10x18GB, 10K-rpm drives) five disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies.	SG-ARY380A-182G	2	✓	✓	2 <sup>2</sup>	2
364-GB Sun StorEdge A3500 (20 x 18.2-GB, 10K-rpm drives), 7 disk trays mounted in a StorEdge expansion cabinet, redundant fans, drives and power supplies	SG-ARY382A-364G	2	✓	✓	2 <sup>2</sup>	2
546-GB Sun StorEdge A3500 (30 x 18.2-GB, 10K-rpm drives) fifteen disk trays mounted in two StorEdge expansion cabinets, redundant fans, drives and power supplies	SG-ARY384A-546G	2	✓	✓	2 <sup>2</sup>	2
Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.						
StorEdge A3500						
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.	NS-XDSKD130-36GAC					✓

#### General Note

- A number in the Matrix indicates the maximum supported quantity for that particular option.

#### Footnotes

- Remove the X from the order number (e.g. SG-ARYnnn-nnnG) to order factory configured version with additional disks installed..
- Requires Solaris 2.6.
- Standard Configurations are Sun's recommended configurations.

## Workstations External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A5100 36GB Model - Tabletop</b>	
182-Gbyte Sun StorEdge A5100 Tabletop (5 x 36.4-GB, 10000rpm half-height FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fiber optic cables	SG-XARY550A-182G
509.6-Gbyte Sun StorEdge A5100 Tabletop (14 x 36.4-GB, 10000rpm half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	SG-XARY550A-509G
<b>StorEdge A5100 36GB Model - Cabinet</b>	
1019.2-Gbyte Sun StorEdge A5100 Cabinet, including two 509.6-GByte arrays (14 x 36.4-GByte 1.625" half-height 10000rpm FC-AL drives) including 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-1019G
3057.6-Gbyte Sun StorEdge A5100 Cabinet with six 509.6-GByte arrays (14 x 36.4-GByte 1.625" 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-3057G
<b>StorEdge A5100 36GB Model - Factory Configured Hubless Option</b>	
509.6-Gbyte Sun StorEdge A5100 hubless version, includes one 509-GByte array (w/14*36.4-Gbyte 10000rpm FC-AL drives), twelve 15 meter fiber optic cables, mounted in 72" Sun StorEdge Expansion Cabinet (no hubs included).	SG-ARY553A-509G
<b>StorEdge A5100 36GB Model - Rackmountable Options</b>	
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables. Rackmounting kit installed for adding to 72" Sun StorEdge Expansion Cabinet.	SG-XARY551A-509G
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, 10000rpm half-height FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fiber optic cables. Rackmounting kit installed for mounting in 68" Enterprise system cabinet.	SG-XARY552A-509G



## Workstations External Expansion Options Compatibility Matrix *(continued)*

Description	Order Number	U5	U10	E	E
		360	440	250 450	220R 420R
StorEdge A5100 36GB Model - Tabletop					
182-Gbyte Sun StorEdge A5100 Tabletop (5 x 36.4-GB, 10000rpm half-height FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fiber optic cables	SG-XARY550A-182G			✓	✓
509.6-Gbyte Sun StorEdge A5100 Tabletop (14 x 36.4-GB, 10000rpm half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables	SG-XARY550A-509G			✓	✓
StorEdge A5100 36GB Model - Cabinet					
1019.2-Gbyte Sun StorEdge A5100 Cabinet, including two 509.6-GByte arrays (14 x 36.4-GByte 1.625" half-height 10000rpm FC-AL drives) including 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-1019G			✓	✓
3057.6-Gbyte Sun StorEdge A5100 Cabinet with six 509.6-GByte arrays (14 x 36.4-GByte 1.625" 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY553A-3057G <sup>1</sup>			✓	✓
StorEdge A5100 36GB Model - Factory Configured Hubless Option					
509.6-Gbyte Sun StorEdge A5100 hubless version, includes one 509-GByte array (w/14*36.4-Gbyte 10000rpm FC-AL drives), twelve 15 meter fiber optic cables, mounted in 72" Sun StorEdge Expansion Cabinet (no hubs included).	SG-ARY553A-509G			✓	✓
StorEdge A5100 36GB Model - Factory Rackmountable Options					
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, half-height FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and 2 meter fibre optic cables. Rackmounting kit installed for adding to 72" Sun StorEdge Expansion Cabinet.	SG-XARY551A-509G <sup>1</sup>			✓	✓
509.6-Gbyte Sun StorEdge A5100 Rackmountable Array (14 x 36.4-GB, 10000rpm half-height FC-AL drives) includes 3 power supplies, 2 interface boards (1 GBIC each), two 2-meter fiber optic cables. Rackmounting kit installed for mounting in 68" Enterprise system cabinet.	SG-XARY552A-509G			✓	✓

### Footnotes

1. Standard Configurations are Sun's recommended configurations.

## Workgroup Server External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A5200 9GB Model - Tabletop</b>	
63.7-Gbyte Sun StorEdge A5200 (7 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-63G
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-200G
<b>StorEdge A5200 9GB Model - Cabinet</b>	
400.4-Gbyte Sun StorEdge A5200 including two 200.2-GByte arrays (22 9.1-GByte low profile 10,000rpm FC-AL drives), 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet, Fans and door included.	SG-XARY523A-400G
1201.2-Gbyte Sun StorEdge A5200 including six 200.2-GByte arrays (22 9.1-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY523A-1200G
<b>StorEdge A5200 9GB Model - Factory Configured Hubless Option</b>	
200-Gbyte Sun StorEdge A5200 hubless version, includes one 200.2-GByte array (w/ 22*9.1-Gbyte 10000rpm FC-AL drives), and 12 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included).	SG-ARY523A-200G
<b>StorEdge A5200 9GB Model - Rackmountable Options</b>	
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rackmounting kit installed for StorEdge Expansion Cabinet	SG-XARY521A-200G
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and two 2 meter fiber optic cables with rackmounting kit installed for factory configuration into Enterprise System Cabinet	SG-ARY522A-200G

## Workgroup Server External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	U5	U10	E	E
		360/	440	250 450	220R 420R
StorEdge A5200 9GB Model - Tabletop					
63.7-Gbyte Sun StorEdge A5200 (7 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-63G			✓	✓
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10,000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY520A-200G <sup>1</sup>			✓	✓
StorEdge A5200 9GB Model - Cabinet					
400.4-Gbyte Sun StorEdge A5200 including two 200.2-GByte arrays (22 9.1-GByte low profile 10,000rpm FC-AL drives), 2 hubs with 3 GBICs each, 2 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet, Fans and door included.	SG-XARY523A-400G			✓	✓
1201.2-Gbyte Sun StorEdge A5200 including six 200.2-GByte arrays (22 9.1-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY523A-1200G <sup>1</sup>			✓	✓
StorEdge A5200 9GB Model - Factory Configured Hubless Option					
200-Gbyte Sun StorEdge A5200 hubless version, includes one 200.2-GByte array (w/ 22*9.1-Gbyte 10000rpm FC-AL drives), and 12 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included).	SG-ARY523A-200G			✓	✓
StorEdge A5200 9GB Model - Factory Rackmountable Options					
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rackmounting kit installed for StorEdge Expansion Cabinet	SG-XARY521A-200G <sup>1</sup>			✓	✓
200.2-Gbyte Sun StorEdge A5200 (22 x 9.1GB, 10000rpm low profile FC-AL drives) 3 power supplies, 2 interface boards (1 GBIC each), and two 2 meter fiber optic cables with rackmounting kit installed for factory configuration into Enterprise System Cabinet	SG-ARY522A-200G			✓	✓

#### Footnote

1. Standard Configurations are Sun's recommended configurations.

## Workgroup Server External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge A5200 18GB Model - Tabletop</b>	
127-Gbyte Sun StorEdge A5200 Table Top Array (7 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-127G
400-Gbyte Sun StorEdge A5200 Table Top Array (22 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-400G
<b>StorEdge A5200 18GB Model - Cabinet</b>	
800-Gbyte Sun StorEdge A5200 Cabinet, including two 400.4-GByte arrays (22 * 18.2-GByte low profile 10,000rpm FC-AL drives), 2 hubs, with 3 GBICs each, 2 15 meter fibre optic cables mounted in 72" Sun StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-800G
2402-Gbyte Sun StorEdge A5200 Cabinet, including six 400.4-GByte arrays (22 x 18.2-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables, mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-2400G
<b>StorEdge A5200 18GB Model - Factory Configured Hubless Option</b>	
400-Gbyte Sun StorEdge A5200 hubless version, includes one 400.4-GByte array (w/ 22*18.2-Gbyte 10000rpm FC-AL drives), twelve 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included). Factory Configuration only.	SG-ARY543A-400G
<b>StorEdge A5200 18GB Model - Rackmountable Options</b>	
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rack mounting kit installed for StorEdge 72" Expansion Cabinet	SG-XARY541A-400G
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2-GB, 10000rpm low profile FC-AL drives) includes 3 power supplies, two interface boards (1 GBIC each), and two 2 meter fiber optic cables. Rackmounting kit installed for 68" Enterprise System Cabinet.	SG-XARY542A-400G

## Workgroup Server External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	U5	U10	E	E
		360	440	250 450	220R 420R
StorEdge A5200 18GB Model - Tabletop					
127-Gbyte Sun StorEdge A5200 Table Top Array (7 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-127G			✓	✓
400-Gbyte Sun StorEdge A5200 Table Top Array (22 x 18.2GB, 10,000rpm low profile FC-AL drives), includes 3 power supplies, 2 interface boards (1 GBIC each) w/2 meter fiber optic cables	SG-XARY540A-400G <sup>1</sup>			✓	✓
StorEdge A5200 18GB Model - Cabinet					
800-Gbyte Sun StorEdge A5200 Cabinet, including two 400.4-GByte arrays (22 * 18.2-GByte low profile 10,000rpm FC-AL drives), 2 hubs, with 3 GBICs each, 2 15 meter fibre optic cables mounted in 72" Sun StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-800G			✓	✓
2402-Gbyte Sun StorEdge A5200 Cabinet, including six 400.4-GByte arrays (22 x 18.2-GByte low profile 10000rpm FC-AL drives), 4 hubs with 4 GBICs each, 4 15 meter fiber optic cables, mounted in 72" StorEdge expansion cabinet. Fans and door included.	SG-XARY543A-2400G <sup>1</sup>			✓	✓
StorEdge A5200 18GB Model - Factory Configured Hubless Option					
400-Gbyte Sun StorEdge A5200 hubless version, includes one 400.4-GByte array (w/ 22*18.2-Gbyte 10000rpm FC-AL drives), twelve 15 meter fibre optic cables, mounted in 72" StorEdge Expansion cabinet (no hubs included). Factory Configuration only.	SG-ARY543A-400G			✓	✓
StorEdge A5200 18GB Model - Factory Rackmountable Options					
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2GB, 10000rpm low profile FC-AL drives) 3 power supplies, two interface boards (1 GBIC each), two 2 meter fiber optic cables with rack mounting kit installed for StorEdge 72" Expansion Cabinet	SG-XARY541A-400G <sup>1</sup>			✓	✓
400-Gbyte Sun StorEdge A5200 Rackmountable Array (22 x 18.2-GB, 10000rpm low profile FC-AL drives) includes 3 power supplies, two interface boards (1 GBIC each), and two 2 meter fiber optic cables. Rackmounting kit installed for 68" Enterprise System Cabinet.	SG-XARY542A-400G			✓	✓

#### Footnote

1. Standard Configurations are Sun's recommended configurations.

## Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>StorEdge Tape Libraries</b>	
Sun StorEdge L400 Tape Library 400GB Native Capacity 1 Drive (Desktop)	SG-XLIB8MMB-400G
Sun StorEdge L400 Tape Library 400 GB Native Capacity, 2-Drive (Desktop)	SG-XLIB8MM1-400G
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Desktop)	SG-XLIBDLT1-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Desktop)	SG-XLIBDLT4-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Rackmount)	SG-XLIBDLT1R-1TB-2
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Rackmount)	SG-XLIBDLT4R-1TB-2
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 2 Drive	X6079A
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 7 Drive	X6080A
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 4-Drive	SG-XLIBDLT4-11TB <sup>1</sup>
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 16-Drive	SG-XLIBDLT16-11TB <sup>1</sup>
Country Kit Accessory Power User Workstation and SPARCserver Cable 12-meter Differential SCSI Cable	X979A
4-meter 68-pin to VHDC differential Ultra SCSI cable	X3830A
10-meter 68-pin to VHDC differential Ultra SCSI cable NOTE: This option is only to be used with (X)6541A Dual-channel differential UltraSCSI PCI host adapter.	X3831A
Dual-channel differential UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6541A

### Footnote

1. *Installation is free of charge with the L11000. In order for the installation to be a success, a Site Survey and Checklist must be completed a MINIMUM of 2 weeks prior to installation. They can be found at the L11000 web page <http://storageweb.eng.sun.com/products/L11000/form.html>*

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2 1300 2300	U5 270	U10 300	E 250	E/ HPC 450	E 220 R	E 420 R
<b>StorEdge Tape Libraries</b>								
Sun StorEdge L400 Tape Library 400GB Native Capacity 1 Drive (Desktop)	SG-XLIB8MMB-400G	✓			✓		✓	✓
Sun StorEdge L400 Tape Library 400 GB Native Capacity, 2-Drive (Desktop)	SG-XLIB8MM1-400G	✓			✓		✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Desktop)	SG-XLIBDLT1-1TB-2	✓			✓	✓	✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Desktop)	SG-XLIBDLT4-1TB-2 <sup>1</sup>	✓			✓	✓	✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 1-Drive (Rackmount)	SG-XLIBDLT1R-1TB-2	✓			✓	✓	✓	✓
Sun StorEdge L1000 Tape Library 1 TB Native Capacity, 4-Drive (Rackmount)	SG-XLIBDLT4R-1TB-2 <sup>1</sup>	✓			✓	✓	✓	✓
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 2 Drive	X6079A <sup>2</sup>	✓	✓	✓	✓	✓	✓	✓
Sun StorEdge L3500 Tape Library 3.5 TB Native Capacity 7 Drive	X6080A <sup>1,2</sup>	✓	✓	✓	✓	✓	✓	✓
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 4-Drive	SG-XLIBDLT4-11TB <sup>1,2</sup> <sub>3</sub>					✓		
Sun StorEdge L11000 Tape Library 11 TB Native Capacity, 16-Drive	SG-XLIBDLT16-11TB <sup>1</sup> <sub>2,3</sub>					✓		
Country Kit Accessory Power User Workstation and SPARCserver Cable 12-meter Differential SCSI Cable	X979A							
4-meter 68-pin to VHDC differential Ultra SCSI cable	X3830A				✓	✓	✓	✓
10-meter 68-pin to VHDC differential Ultra SCSI cable NOTE: This option is only to be used with (X)6541A Dual-channel differential UltraSCSI PCI host adapter.	X3831A				✓	✓	✓	✓
Dual-channel differential UltraSCSI host adapter, PCI; includes two 2m SCSI cables	X6541A				✓	✓	✓	✓

#### Footnotes

1. Standard Configurations are Sun's recommended configurations.
2. Requires DWIS/S Host Adapter(s) for every two drives ordered. For E450, order (X)6541A.
3. Installation is included free-of-charge for this product. Please refer to <http://storageweb.eng.sun.com/products/L11000/form.html> for details.

# Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>Expansion Drives for the StorEdge Libraries</b>	
Internal 8mm Tape Drive for Sun StorEdge L400 Library	SG-XTAP8MM-400G
DLT7000 Tape Drive for use in the Sun StorEdge L1000	SG-XTAPDLT1-1TB
DLT7000 Tape Drive for use in the Sun StorEdge L1800 and L3500	X6063A
2 DLT7000 Tape Drives for use in the Sun StorEdge L11000	SG-XTAPDLT2-11TB



## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2	U5	U10	E	E
		1300			250	220R
		2300	270	300	450	420R
Expansion Drives for the StorEdge Libraries						
Internal 8mm Tape Drive for Sun StorEdge L400 Library	SG-XTAP8MM-400G					
DLT7000 Tape Drive for use in the Sun StorEdge L1000	SG-XTAPDLT1-1TB					
DLT7000 Tape Drive for use in the Sun StorEdge L1800 and L3500	X6063A					
2 DLT7000 Tape Drives for use in the Sun StorEdge L11000	SG-XTAPDLT2-11TB					
<i>Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.</i>						

## Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>UniPack</b>	
9.1-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-9G
18.2-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-18G
12GB 4mm DDS-3 in a UniPack desktop enclosure.	SG-XTAP4MM-011A
20GB 4mm DDS-4 in a UniPack desktop enclosure.	SG-XTAPDDS4-012A
7GB 8mm drive in UniPack desktop enclosure. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-010A
20GB 8mm drive in a UniPack desktop enclosure. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-011A
<b>FlexiPack</b>	
12GB 4mm DDS-3 in a FlexiPack desktop enclosure. Includes one (1) 4mm tape drive plus one (1) available half-height open bay in the FlexiPack.	SG-XTAP4MM-021A
72GB 4mm DDS-3 autoloader in a FlexiPack desktop enclosure. Transfer rate of 1 MB/sec.	SG-XTAP4MM-031A
7GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-020A
20GB 8mm drive in a FlexiPack desktop enclosure, Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-021A
35GB DLT7000 tape drive in a FlexiPack desktop enclosure. Transfer rate of 5 MB/sec.	SG-XTAPDLT-021A

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2	U5	U10	E	E
		1300 2300	270	300	250 450	220R 420R
UniPack						
9.1-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-9G <sup>1</sup>	✓	✓	✓	✓	✓
18.2-GBYTE 10k RPM StorEdge UniPack	SG-XDSK010C-18G <sup>1</sup>	✓	✓	✓	✓	✓
12GB 4mm DDS-3 in a UniPack desktop enclosure.	SG-XTAP4MM-011A <sup>1</sup>	✓	✓	✓	✓	✓
20GB 4mm DDS-4 in a UniPack desktop enclosure.	SG-XTAPDDS4-012A				✓	✓
7GB 8mm drive in UniPack desktop enclosure. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-010A	✓	✓	✓	✓	✓
20GB 8mm drive in a UniPack desktop enclosure. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-011A <sup>1</sup>	✓	✓	✓	✓	✓
Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.						
FlexiPack						
12GB 4mm DDS-3 in a FlexiPack desktop enclosure. Includes one (1) 4mm tape drive plus one (1) available half-height open bay in the FlexiPack.	SG-XTAP4MM-021A	✓	✓	✓	✓	✓
72GB 4mm DDS-3 autoloader in a FlexiPack desktop enclosure. Transfer rate of 1 MB/sec.	SG-XTAP4MM-031A	✓	✓	✓	✓	✓
7GB 8mm drive in a FlexiPack desktop enclosure. Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 1 MB/sec in native mode.	SG-XTAP8MM-020A	✓	✓	✓	✓	✓
20GB 8mm drive in a FlexiPack desktop enclosure, Includes one (1) 8mm tape drive plus one (1) available half-height open bay in the FlexiPack. Transfer rate of 3 MB/sec in native mode.	SG-XTAP8MM-021A	✓	✓	✓	✓	✓
35GB DLT7000 tape drive in a FlexiPack desktop enclosure. Transfer rate of 5 MB/sec.	SG-XTAPDLT-021A <sup>1</sup>	✓	✓	✓	✓	✓
Note: For use outside of North America, Europe, or Asia, order a localized power cord at no charge from the "Localized Power Cord Kits" section. See page 6-146.						

#### Ordering Notes

- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to another StorEdge UniPack, FlexiPack, or MultiPack (daisy-chaining)
- Order X3856A 68-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to Ultra 2, Ultra 30/60, Ultra/Enterprise 450 or Netra t.
- Order X3857A 50-pin to 68-pin SCSI cable with power cord for connecting a StorEdge UniPack, FlexiPack, or MultiPack to a 50-pin device such as a SparcStation or Ultra 1.

#### Footnote

1. Standard Configurations are Sun's recommended configurations.

### Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>Expansion Drives for FlexiPack</b>	
20-40-Gbyte 8mm internal Tape drive for the FlexiPack	X6236A
32x internal CD-ROM drive	X6166A
7-Gbyte 8mm internal tape (for workstations)	X6212A
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A
<b>SCSI Cables</b>	
Fast-wide 68-68pin SCSI Cable and GEO-specific power cord	X3856A
Fast-narrow 50-68pin SCSI Cable and GEO-specific power cord according to where this part was ordered for use with UniPack , FlexiPack, and MultiPack products.	X3857A
4-meter 68-pin to VHDC differential Ultra SCSI cable	X3830A
10-meter 68-pin to VHDC differential Ultra SCSI cable NOTE: This option is only to be used with (X)6541A Dual-channel differential UltraSCSI PCI host adapter.	X3831A

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*

Description	Order Number	UE 2 1300 2300	U5 270	U10 300	E 250	E/ HPC 450	E 220R	E 420R
<b>Expansion Drives for FlexiPack</b>								
20-40-Gbyte 8mm internal Tape drive for the FlexiPack	X6236A <sup>1</sup>	✓	✓	✓	✓	✓	✓	✓
32x internal CD-ROM drive	X6166A <sup>3</sup>	✓	✓	✓	✓	✓	✓	✓
7-Gbyte 8mm internal tape (for workstations)	X6212A	✓	✓	✓	✓	✓	✓	✓
12GB 4mm DDS-3 Internal tape drive OEM ready - 8/97	X6282A <sup>3</sup>	✓	✓	✓	✓	✓	✓	✓
<b>SCSI Cables</b>								
Fast-wide 68-68pin SCSI Cable and GEO-specific power cord	X3856A	✓	✓	✓	✓	✓	✓	✓
Fast-narrow 50-68pin SCSI Cable and GEO-specific power cord according to where this part was ordered for use with UniPack , FlexiPack, and MultiPack products.	X3857A							
4-meter 68-pin to VHDC differential Ultra SCSI cable	X3830A <sup>2</sup>		✓	✓	✓	✓	✓	✓
10-meter 68-pin to VHDC differential Ultra SCSI cable NOTE: This option is only to be used with (X)6541A Dual-channel differential UltraSCSI PCI host adapter.	X3831A <sup>2</sup>		✓	✓	✓	✓	✓	✓

#### Footnotes

1. A SWIS/S Host Adapter is required for wide SCSI functionality.
2. For use with dual-channel differential UltraSCSI Host Adapter.
3. This product is OEM-Ready, please refer to the "Ordering Policies and Guidelines" section page 1-1.

## Workgroup Servers External Expansion Options *(continued)*

Description	Order Number
<b>Monitors</b>	
17-inch Entry color monitor, 15.7" diagonal viewable area, .28mm dot pitch, 1152x900 @ 66/76Hz, 1024x768 @ 60/77Hz, 30-75kHz, MPR-II, TCO'99, DDC1/2B, VESA DPMS, digital OSD, universal power supply ww agency compliances Standard version	X7143A
18.1" TFT LCD color monitor (20 CRT equivalent), IPS wide viewing angle, 1280x1024 @ 60/76Hz, analog RGB interface, standard captive 13W3 video output cable, Sun ID enclosure, Sun logo & color, Digital OSD controls, TCO'95, VESA DPMS, universal power supply, ww agency compliances Standard version	X7127A
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide standard/Korean versions	X7135A
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide -Sohem version	X7135A-STH
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide standard/Korean versions	X7136A
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide -Sohem version	X7136A-STH
The new Sun 24" wide screen color monitor is a high resolution display with digital multiscanning capabilities. The monitor features front panel controls with on-screen display in two modes (normal and expert), moire cancellation, VESA DDC interface, power management, tilt swivel capabilities, 13W3 and HD15-pin video connector	X7124A

### Input Devices

SunButtons - 32-Key Function I/O Device	X180A
SunDials - 8-Dial Interactive Graphics I/O Device for 3-D	X190A

## Workgroup Servers External Expansion Options

### Compatibility Matrix *(continued)*



Description	Order Number	UE 2 1300 2300	U5 270	U10 300	E 250	E/ HPC 450	E 220R	E 420R
<b>Monitors</b>								
17-inch Entry color monitor, 15.7" diagonal viewable area, .28mm dot pitch, 1152x900 @ 66/76Hz, 1024x768 @ 60/77Hz, 30-75kHz, MPR-II, TCO'99, DDC1/2B, VESA DPMS, digital OSD, universal power supply ww agency compliances Standard version	X7143A	✓	✓	✓	✓	✓	✓	✓
18.1" TFT LCD color monitor (20 CRT equivalent), IPS wide viewing angle, 1280x1024 @ 60/76Hz, analog RGB interface, standard captive 13W3 video output cable, Sun ID enclosure, Sun logo & color, Digital OSD controls, TCO'95, VESA DPMS, universal power supply, ww agency compliances Standard version	X7127A	✓	✓	✓	✓	✓		✓
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide standard/Korean versions	X7135A	✓	✓	✓	✓	✓	✓	✓
19-inch Color monitor, 18.0" v.a. 0.24mm dot pitch aperture grille, 30-107kHz, WW agency compliance, 2m HD15-pin video cable, Sun logo and color TCO 99, 10-language users guide -Sohem version	X7135A-STH	✓	✓	✓	✓	✓	✓	✓
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide standard/Korean versions	X7136A	✓	✓	✓	✓	✓	✓	✓
21-inch Color monitor, 19.8" v.a. 0.24mm dot pitch aperture grille, 30-121kHz, WW agency compliance, 2m DB13W3 captive video cable and HD15-pin connector Sun unique ID, logo and color TCO 99, 10-language users guide -Sohem version	X7136A-STH	✓	✓	✓	✓	✓	✓	✓
The new Sun 24" wide screen color monitor is a high resolution display with digital multiscanning capabilities. The monitor features front panel controls with on-screen display in two modes (normal and expert), moire cancellation, VESA DDC interface, power management, tilt swivel capabilities, 13W3 and HD15-pin video connector	X7124A	✓	✓	✓	✓	✓	✓	✓
<b>Input Devices</b>								
SunButtons - 32-Key Function I/O Device	X180A	✓				✓		
SunDials - 8-Dial Interactive Graphics I/O Device for 3-D	X190A	✓						
<b>Notes</b> <ul style="list-style-type: none"> <li>Requires either an RS-232 or an RS-423 port.</li> <li>Append "V4" to the order number (e.g., XnnnXV4) for 240V operation.</li> </ul>								

#### General Notes

- Monitor cannot be ordered as a standalone option.
- For compatibility information about which graphics accelerators support which monitors, please refer to the Monitor/Graphics Accelerators Support Matrix. See page 6-88.
- Order the appropriate Country Kit to get a keyboard, mouse and pad, and localized power cord.
- When ordering a 17" entry or 19" color monitor (X7103A or X7119A) in combination with a 13W3-based graphics x-option (Creator series, Elite series), a video adapter is required (X3872A).
- Localized power cord for monitors is shipped with localized country kit. When ordering a monitor and graphics x-option for an existing system as an additional display, be sure to order a localized power cord at no charge.

## Monitor/Graphics Accelerators Support Matrix

- The following Table shows which Monitor Options are supported with which Graphics Accelerators and options.

	 <b>Monitors</b>	17-inch Entry	18.1-inch TFT LCD Color	19-inch Flat Screen Color	21-inch Flat Screen Color	24-inch Color
<b>Graphics Cards</b> 	Order Number	X7143A	X7127A	X7135A X7135A-STH	X7136A X7136A-STH	X7124A
PGX32	X3668A	✓	✓	✓	✓	✓ <sup>1</sup>
Creator3D, series 3	X3670A	✓	✓	✓	✓	✓ <sup>2</sup>
Creator3D, series 3 (horiz.)	X3671A	✓	✓	✓	✓	✓ <sup>2</sup>
Video Connector Adapter, HD15F to 13W3M	X3872A	✓ <sup>3</sup>		✓ <sup>3</sup>		
Video Connector Adapter, 13W3F to HD15M	X471A		✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>

- Maximum resolution of 1600x1000@76 Hz, single-buffered 8-bit color mode, preferably for desktop publishing, windowing and text based applications.
- Maximum resolution of 1900x1200@70Hz single-buffered, 24-bit mode, preferably where very high image resolution and color quality is required.
- Ultra SBus based systems with either S24, TurboGX, or TurboGXplus graphics require video connector adapter (HD15F to 13W3M) when using either 17-inch entry or 19-inch color monitors. kits for SPARCstation 5 and Ultra 1/TurboGX systems.
- Video Cable adapter (X470A) required only when using motherboard built in video (PGX based) HD-15 connector.