

# ***NeXTlogo.TM.eps , Hardware Compatibility Guide***

## **NEXTSTEP Release 3.3 and OPENSTEP for Mach 4.x for SPARC Workstations**

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This document describes in general terms the types of Sun hardware that is supported by NEXTSTEP Release 3.3 and OPENSTEP for Mach 4.x for SPARC Workstations.

**NeXTanswers**<sup>™</sup>: this guide and many other kinds of information are available from NeXTanswers, NeXT's free information-retrieval system. For NeXTanswers documents by fax, call (415) 780-3990 from a touch-tone phone. By Internet mail, send email to *nextanswers@next.com* with the two-word subject: INDEX HELP. NeXTanswers is also available by World Wide Web at *http://www.next.com/*, FTP at *ftp.next.com* or BBS at (415) 780-2965.

For current device support, please request the latest edition of this NEXTSTEP Hardware Compatibility Guide from NeXTanswers or by calling 1-800-TRY-NeXT (or your local NeXT representative)

## GENERAL SYSTEM REQUIREMENTS

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### ***CPU***

Sun microSPARC II, SuperSPARC II, and SuperSPARC single processor workstations ( see <http://www.sun.com/> ) models

SPARCstation 4: 85

SPARCstation 5: 85 & 110

SPARCstation 10: 50, 60, & 90

SPARCstation 20: 50, 51, 61, & 71

### ***AVAILABLE HARD DISK SPACE***

*User Environment:* 150 MB minimum, 250 MB recommended for stand-alone systems.

*User + Developer:* Environments: 330 MB minimum, 400 MB recommended.

### **RAM REQUIREMENTS**

RAM requirements vary depending upon the user's selection of graphics adapter. NEXTSTEP Release 3.3 supports a maximum of 256MB of memory.

*24-bit color:* 16 MB RAM Minimum, 32 MB RAM Recommended

*8-bit grayscale/color:* 16 MB RAM Minimum, 24 MB RAM Recommended

### **GRAPHICS ADAPTERS**

8-bit color and grayscale at 1152x900 or 24-bit color at 1152x900 with appropriate video system. Release 3.3 supports multiple monitors with graphics cards for expanded desktop space.

### **MASS STORAGE**

Floppy disk drive, SCSI hard disk drives, CD-ROM drives, 1/4 inch tape drives, Exabyte tape drives, and DAT tape drives are supported.

### **KEYBOARD & POINTING DEVICES**

Sun keyboard and Sun optical or mechanical mouse.

### ***PRINTERS***

PostScript printers connected via a serial or parallel port. Color PostScript Level II printers are recommended for proper color support.

### ***NETWORKING***

Thick, thin, and twisted pair ethernet on board interfaces are supported. Ethernet transceivers may be necessary for installation at particular sites.

### ***SOUND***

16-bit audio at 22 and 44 khz is supported.

### ***INSTALLATION***

A Sun SCSI CDROM, or a supported network adapter and properly configured network installation host are required for installation of NEXTSTEP.

## **Supported Configurations**

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### ***SPARCstation 4***

*Graphics:* 8 bit grayscale & color @ 1152x900

*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in  
*Networking:* On-board ethernet (TP and AUI)  
*Bus:* 1 SBus

### **SPARCstation 5**

*Graphics:* 8 bit grayscale & color @ 1152x900 with GX, Turbo GX, & Turbo GX+; 24 bit color @ 1152x900 with S24 on AFX bus  
*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in  
*Networking:* On-board ethernet (TP)  
*Bus:* 3 SBus & 1 AFX Connector for Video card

### **SPARCstation 10**

*Graphics:* 8 bit grayscale & color @ 1152x900 with Turbo GX and Turbo GX+; 24 bit color @ 1152x900 with SX  
*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in and sound box  
*Networking:* On-board ethernet (TP)  
*Bus:* 4 SBus

### **SPARCstation 20**

*Graphics:* 8 bit grayscale & color @ 1152x900 with Turbo GX and Turbo GX+; 24 bit color @ 1152x900 with SX  
*Sound:* On-board 16 bit sound @ 48kHz with Mic. plug-in  
*Networking:* On-board ethernet (TP)

*Bus:* 4 Sbus