

# ***Hardware Compatibility Guide***

## ***NEXTSTEP Release 3.3 for PA-RISC Workstations***

**Revised June 14, 1995**

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This document describes in general terms the types of HP hardware that is supported by NEXTSTEP Release 3.3 for PA-RISC Workstations.

**NeXTanswers:** 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\\_](mailto:_nextanswers@next.com_) with the two-word subject: INDEX HELP. NeXTanswers is also available by World Wide Web at [\\_http://www.next.com/\\_](http://www.next.com/), FTP at [\\_ftp.next.com\\_](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***

HP 9000 Series 700 Workstations ( see [\\_http://www.wsg.hp.com/wsg/\\_](http://www.wsg.hp.com/wsg/_) ) including models

712: /60 & /80

715: /33, /50, /64, /75, /80, & /100

725: /50

735: /99 & /125

755: /99

### ***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 grayscale or color at a resolution of 1280x1024 on 712 and 715 workstations and 735 or 755 with CRX adapter. Pseudo 24-bit color available on 712 and 715(/64, /80, or /100) workstations. 24-bit color support on 715 (/33, /50, or /75), 735, and 755 workstations requires the CRX-24 graphics adaptor. Release 3.3 supports multiple monitors with some graphics cards for expanded desktop space.

### ***MASS STORAGE***

SCSI hard disk drives, CD-ROM drives, 1/4 inch tape drives, Exabyte tape drives, and DAT tape drives are supported. 1.44 MB floppy disk drive is supported on the 712 workstations. SCSI floppy is not supported on the 7X5 workstations.

### ***KEYBOARD & POINTING DEVICES***

PS/2 style keyboards and mice are supported on the 712 workstations and 715 (/64, /80, or /100). HP-HIL style keyboards and mice are supported on 7X5 workstations except 715 (/64, /80, and /100).

### ***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***

An HP SCSI CDROM is required for installation of NEXTSTEP.

## **Supported Configurations**

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### ***Model 712***

*Graphics:* 8 bit grayscale & color @ 1280x1024; pseudo 24 bit color @ 1280x1024

*Keyboard:* PS/2

*Sound:* On-board 16 bit sound @ 48kHz

*Networking:* On-board ethernet (TP and AUI)

*Bus:* 1 slot for Video card

### ***Model 715 (33, 50, or 75)***

*Graphics:* 8 bit grayscale & color @ 1280x1024; 24 bit color @ 1280x1024 with CRX-24

*Keyboard:* HIL

*Sound:* On-board 16 bit sound @ 48kHz

*Networking:* On-board ethernet (AUI)

*Bus:* 1 EISA

### ***Model 715 (64, 80, or 100)***

*Graphics:* 8 bit grayscale & color @ 1280x1024; pseudo 24 bit color @ 1280x1024

*Keyboard:* PS/2

*Sound:* On-board 16 bit sound @ 48kHz

*Networking:* On-board ethernet (AUI)

*Bus:* 1 EISA

### ***Model 725/50***

*Graphics:* 8 bit grayscale & color @ 1280x1024; 24 bit color @ 1280x1024 with CRX-24

*Keyboard:* HIL

*Sound:* 16 bit sound @ 48kHz

*Networking:* On-board ethernet (AUI)

*Bus:* 4 EISA

### ***Model 735***

*Graphics:* 8 bit grayscale & color @ 1280x1024with CRX or CRX-24; 24 bit color @ 1280x1024 with CRX-24

*Keyboard:* HIL

*Sound:* On-board 16 bit sound @ 48kHz

*Networking:* On-board ethernet (ThinNet or AUI)

*Bus:* 1 EISA

### ***Model 755***

*Graphics:* 8 bit grayscale & color @ 1280x1024with CRX or CRX-24; 24 bit color @ 1280x1024 with CRX-24

*Keyboard:* HIL

*Sound:* On-board 16 bit sound @ 48kHz

*Networking:* On-board ethernet (ThinNet or AUI)

*Bus:* 4 EISA

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