

NeXTlogo.TM.eps , Hardware Compatibility Guide

NEXTSTEP Release 3.3 for PA-RISC Workstations

Revised June 14, 1995

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

NeXTanswers^δ: 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

CPU

HP 9000 Series 700 Workstations (see <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

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