



# Tech Info Library

## A/UX 2.0 Specifications (Discontinued)

Revised: 6/20/94  
Security: Everyone

A/UX 2.0 Specifications (Discontinued)

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TOPIC -----

This article gives specifactions for A/UX 2.0.

DISCUSSION -----

System Requirements  
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To use the Apple A/UX operating system Version 2.0, you'll need:

- One of the following personal computers-
  - Macintosh SE/30
  - Macintosh II with an Apple Paged Memory Management Unit (PMMU)
  - Macintosh IIX
  - Macintosh IICX
  - Macintosh IIci
  - Macintosh IIfx
- A minimum of 4 megabytes of RAM.
- An Apple hard disk (minimum 80 megabytes) or the equivalent.
- An Apple monitor (or equivalent) that is compatible with A/UX Version 2.0.
- For Ethernet compatibility, the Apple EtherTalk NB Card or the equivalent.

Optional Equipment includes additional memory and the AppleCD SC drive.

Technical Specifications  
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Portability standard

- AT&T UNIX System V, Release 2, Version 2.
- Compliant with the System V Interface Definition (SVID); passes the System V Verification Suite (SVVS).

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- BSD 4.3 extensions, including signals, job control, groups, sockets, Berkeley Networking Services, subnets, and Berkeley File System.
- Compliant with FIPS #151.
- Compliant with IEEE POSIX 1003.11988 FUS.

### Applications supported

- Macintosh applications that adhere to Inside Macintosh specifications.
- AT&T and BSD UNIX applications.
- X Window System applications (with add-on package).
- Hybrid applications (UNIX applications using the Macintosh Toolbox).

### Macintosh Look and Feel

- Macintosh MultiFinder environment.
- Macintosh-style startup and shutdown.
- Support for 32-bit Color QuickDraw.

### UNIX integration

- UNIX command builder.
- UNIX shell windows.
- Mouse-driven editing.
- X Window System support (add-on).
- Cut-and-paste text editing.
- Printer and AppleShare file server selection through the Chooser.

### UNIX command-line interpreters for UNIX shell windows

- Bourne Shell.
- Korn Shell.
- C Shell.

### Development tools

- Editing and processing utilities (Macintosh mouse editor, vi, ex, ed, ditroff, nroff, tbl, eqn, and pic).
- Assembler and C compiler.
- Shared libraries.
- Lint, lex, yacc.
- Debuggers (abd, sdb, MacsBug).
- Linker (ld).
- Source control (SCCS, make, and other UNIX tools).

### Communications

- TCP/IP over Ethernet or over serial connection (SL/IP).
- AppleTalk printing and file sharing client services via LocalTalk or EtherTalk.
- Transparent file sharing over Ethernet or serial lines using NFS Version 3.2.
- Remote log-in and execution, resource sharing, file transfer, and electronic mail with Berkeley Networking Services (from BSD 4.3).
- Domains and subnets.
- X Window System for A/UX (add-on).

### Highlights of Hardware Supported

- All Macintosh II personal computers and the Macintosh SE/30.
- Apple 20-, 40-, 80-, and 160-megabyte hard disk drives.

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- Apple 400K, 800K, and 1.44-megabyte floppy disk drives.
- AppleCD SC drive.
- LaserWriter IINT, LaserWriter IINTX, and LaserWriter Plus printers; ImageWriter II and ImageWriter LQ printers.
- All Macintosh monitors and compatible third-party monitors.
- All domestic Macintosh keyboards and nonextended European Macintosh keyboards (function keys not supported).

### System administration

- Autorecovery.
- Autoconfiguration.
- Scripts for system administration functions.

### Article Change History

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08/31/92 - Reviewed for technical accuracy.

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