Features

X11 for A/UX
- X Window System Version 11 Release 4 server

Benefits
- Increases processing speed and reduces memory usage.
- Provides utilities, such as a terminal emulator, clock, and calculator, and applications that assist in X-client application development.
- Support for 1-bit black-and-white display and 256-color display with an 8-bit video card
- Permits display of X client applications in black and white or in 256 colors or shades of gray.
- Support for multiple-screen display
- Allows users to display an X client application on any monitor connected to an A/UX system.
- Xlib and Xtk library and toolkit
- Allows users to develop X client applications.
- Hardware-independent applications
- Simplifies porting of X client applications to different hardware architectures.
- Network transparency
- Allows X client applications running on remote host computers to display graphics on a user's local A/UX system.
- User and reference manuals
- Provides documentation on using X11.
- Provides reference pages that describe X11 commands.

Overview

Apple's X Window System for the A/UX® operating system lets A/UX users run X client applications that have the familiar, intuitive interface of the Apple® Macintosh® personal computer. The A/UX Finder™ software, a special version of the Macintosh MultiFinder® adapted for A/UX, allows users to run X client applications, Macintosh productivity applications, and UNIX programs concurrently—all with the Macintosh computer's ease of use. From any Macintosh running A/UX, technical users, software developers, and novice users alike can take advantage of the highly portable, network-transparent X Window System.

The X Window System is the result of years of development work by researchers from industry and from the Massachusetts Institute of Technology (MIT). Apple's X Window System for A/UX complies with the standards and conventions stipulated by the MIT X Consortium.

The X Window System for A/UX includes two separate X components. The first, MacX™, allows X Window System client applications to share the A/UX Finder desktop with Macintosh and UNIX applications. The second, X11, is for more experienced or technical X Window System users, and offers the native X Window System environment with no access to Macintosh functionality.
To use the X Window System for 8-bit color display, a Release 3 client application is immediately after installation.

### Features

- **MacX for A/UX**
  - A/UX Finder integration
  - Lets users run X client applications, Macintosh productivity applications, and UNIX applications concurrently on A/UX Version 2.0 (or later).

- **Family:** integrates Macintosh user interface
  - Makes it easy to use X client applications.
  - Illustrates the time-consuming task of storing long commands.
  - Consistent with traditional Macintosh application methods.

- **Text cut-and-paste function:**
  - Lets users cut and paste text between X, UNIX, and Macintosh applications.
  - Allows X client applications running on remote host computers to display graphics on a much local A/UX system.

- **Optional rooted mode:**
  - Gives users the flexibility to consolidate X, client applications as a single window.

- **Sample X Window System Version 11 Release 3.1 application:**
  - Lets users mimic Macintosh equivalent immediately after installation.

- **Support for black-and-white display and for 8-bit color display:**
  - Allows for the simultaneous display of up to 256 colors or shades of gray from a palette of 16 million colors.

- **User manuals:**
  - Provides documentation on installing MacX, running MacX with A/UX Version 2.0, and explaining the extended features of MacX.

### Benefits

- **MacX for A/UX**
  - Allows for the simultaneous display of up to 256 colors or shades of gray from a palette of 16 million colors.

- **Network Transparency:**
  - X client applications can reside on or run on any system on the network—on a local or remote host computer. The application
  - lets users explore MacX capabilities immediately after installation.
  - Allows X client applications running on remote host computers to display graphics on a much local A/UX system.

- **Screen Options:**
  - B-ware supports two monochrome and 8-bit color video cards and display. The 8-bit color option allows simultaneous display of up to 256 colors or shades of gray from a palette of 16 million colors.

- **Documentation:**
  - MacX documentation includes the MacX User’s Guide, which describes how to use MacX functions, and the MacX for A/UX Supplement, which explains how to use the MacX server from the A/UX Finder.

### Product Details

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### System Requirements

- To use the X Window System for A/UX, you’ll need the following:
  - A Macintosh II, Macintosh IIx, Macintosh IIcx, or Macintosh SE/30 personal computer, or a Macintosh II personal computer with an Ethernet Card for the Macintosh II, or the equivalent (160 megabytes recommended)
  - A/UX operating system Version 2.0 (or later)

- **Technical Specifications**
  - Contained in the Apple Display Doc (ADB) manual and all ADB keyboards.

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