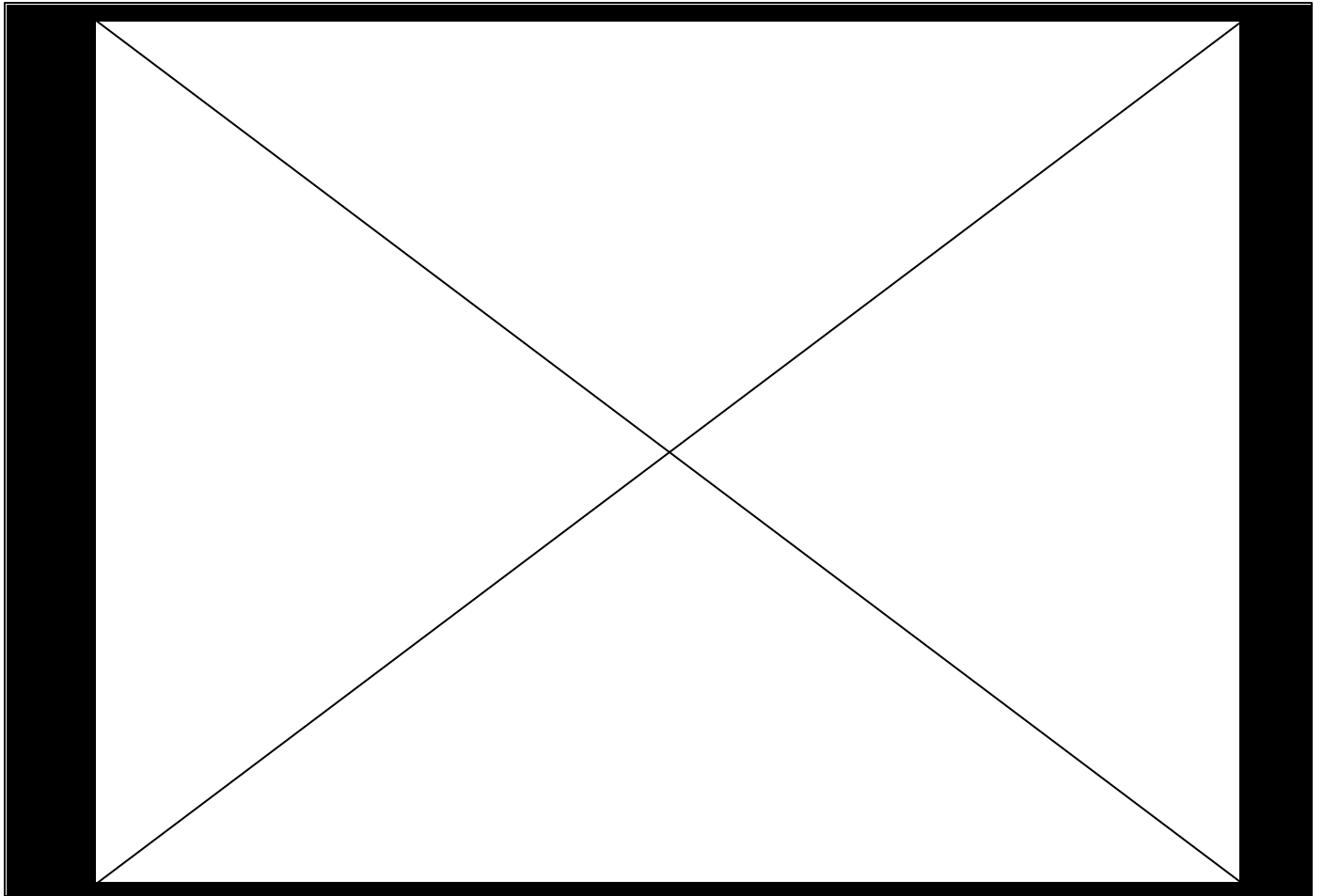




AUX3.0.1



AUX3.0.1 combines Macintosh ease of use with the power of UNIX® in a single, standards-compliant operating system. An excellent foundation for multi-user client/server solutions, AUX features the best of both worlds: System 7 running on an industry-standard UNIX kernel.

This powerful combination means you enjoy the benefits of innovative technologies like 32-bit QuickDraw, TrueType, QuickTime, and file sharing, as well as robust operating-system features such as demand-paged virtual memory, SCSI DMA, and preemptive multitasking—without losing your current software investments.

Porting UNIX applications to AUX is streamlined by a suite of tools that protect your software development investment by simplifying the porting process. AUX also allows you to concurrently run—right out of the box—your choice of thousands of applications created for the Macintosh, UNIX, MS-DOS*, the X Window System†, and Motif, with cut-and-paste and file-system integration.

AUX complements heterogeneous computing environments, thanks to powerful built-in networking capability, a large catalog of off-the-shelf software, and compliance with government and industry standards such as POSIX and SVID.

*Ability to run MS-DOS and Motif requires additional non-Apple products.

Apple A/UX Features

Powerful UNIX architecture

- > Kernel based on AT&T System V Release 2, Version 2 with 4.3 BSD Extensions
- > Preemptive multitasking, 32-bit addressing, virtual memory, and support for multiple users
- > Support for BSD UFS, AT&T SVFS, Sun NFS, and Apple HFS file systems
- > SCSI DMA and asynchronous input/output for maximum system performance

Ease of use

- > System 7, with multitasking, file sharing, Balloon Help, and TrueType fonts
- > Macintosh desktop enables easy organization of large UNIX and Macintosh file systems
- > One-button installation from CD-ROM

Compatibility

- > Built-in TCP/IP and CSLIP, NIS and NFS 4.1, UUCP, X11R4, and AppleTalk
- > Run thousands of Macintosh applications
- > Certified compliant with IEEE 1003.1, ISO 9945-1, and FIPS 151-1 POSIX standards
- > Conform to SVID, as verified by SVWS



AUX3.0.1

Technical Specifications

Kernel

- > AT&T UNIX System V, Release 2, V.2 with 32-bit addressing, demand-paged virtual memory, pre-emptive scheduling, interprocess communications
- > 4.3 BSD extensions including signals, job control, sockets, Berkeley networking, and fast filesystem (UFS)
- > Support for SCSI DMA, multiple SCSI buses, and asynchronous input/output

Toolbox

- > Macintosh System 7.0.1, optimized for UNIX
- > Includes TrueType, AppleEvents and PPC, 32-bit QuickDraw, Balloon Help, Data Access Manager, aliases, 24-bit and 32-bit addressing
- > AUX File Manager support transparent access to Macintosh and UNIX filesystems, and full asynchronous I/O, and allows users to concurrently open up to 5000 files
- > Finder for organizing and locating information on UNIX and Macintosh filesystems
- > QuickTime 1.5

Networking and collaboration

- > Berkeley TCP/IP protocol stack and commands, including telnet, ftp, rlogin, rcp
- > CSLP, NFS 4.1, andNIS
- > AppleTalk protocol stack with ADSP and AFP
- > AppleEvents, AppleShare client, and file sharing
- > MacTCP 1.1 provides interface to kernel TCP/IP services for Macintosh applications
- > X Window System 11R4 server, fonts, libraries, and client applications
- > MacX 1.2 server

Development tools

- > Bourne shell, Korn Shell, and C Shell
- > Text-editing and text-processing tools, including vi, ex, ed, sed, ditroff, nroff, tbl, eqn, and pic
- > Assembler, K&R C and ANSI Fortran compilers
- > Linker and shared libraries
- > lex, yacc, and lint
- > adb and sdb debuggers
- > SCCS, RCS, and make version control

Installation and configuration

- > One-button Easy Install or custom installation
- > AUX HD SC Setup formats, partitions, and creates filesystems on Apple and non-Apple drives
- > System administration scripts simplify routine tasks such as adding users
- > Memory control panel for tuning UNIX buffer cache

System requirements

- > 8 MB of RAM in a Macintosh II (with PVMU), Macintosh SE/30, Macintosh IIx/IIcx/IIsl/IIci/IIfx, Macintosh Quadra 700/800/900/950, or Macintosh Centris 610/650 (with 68040 RC)
- > 80 MB hard disk (160 MB or larger recommended for full installation)
- > Apple CDSC, Apple CDSC Plus, Apple CD 150, Apple CD 300, or equivalent required to install AUX

Standards conformance

- > Compliant with AT&T System V Interface Definition (SVID) as verified by System V Verification Suite (SVVS)
- > Certified by National Institute of Standards and Technology as compliant with FIPS #151 (IEEE POSIX 1003.1-1990 and ISO 9945-1)

Ordering Information

AUX 3.0.1 CD-ROM Product

- Order No. M0598LL/C
- > AUX 3.0.1 CD-ROM
 - > 800K and 1.4MB installation floppy disk
 - > 800K and 1.4MB Read Me floppy disk
 - > Software registration and support card
 - > License agreement
 - > AUX Essential Manuals

AUX Preinstalled

Available on the hard disk of any AUX-capable Macintosh.

AUX Essential Manuals

- Order No. M0597LL/B
- > Road Map to AUX
 - > AUX Installation Guide
 - > AUX Essentials
 - > AUX Networking Essentials
 - > Setting Up Accounts and Peripherals for AUX
 - > MacX User's Guide
 - > X11 User's Guide for AUX

AUX Administration Manuals

- Order No. M0431LL/B
- > AUX Local System Administration
 - > AUX Network System Administration
 - > AUX System Administrator's Reference
 - > AUX Text-Editing Tools
 - > AUX Text-Processing Tools
 - > AUX Reference Summary and Index
 - > AUX Command Reference

AUX Programming Manuals

- Order No. M0430LL/B
- > AUX Toolbox: Macintosh ROM Interface
 - > Programming Languages and Tools, Volume 1
 - > Programming Languages and Tools, Volume 2
 - > AUX Programmer's Reference
 - > AUX Shells and Shell Programming

X11 for AUX Manuals

- Order No. M1182LL/B
- > X11 Command Reference for AUX
 - > X11 Programmer's Reference for AUX
 - > X11 User's Guide for AUX
 - > X11 Installation Guide for AUX
 - > X11 for AUX Release Notes

Right-to-Copy License

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Gives the right to copy AUX 3.0.1 to one system; does not include manuals.

AUX 3.0.1 CD-ROM Update Product

Order No. M0599LL/C
Updates AUX 2.0, 2.0.1, or 3.0 to AUX 3.0.1.

AUX Right-to-Update License

Order No. M0741LL/A
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