



Mac OS 7.6 Release

Features, Enhancements, Usage Requirements, Upgrades,
Compatibility Information, Installation Tips,
Troubleshooting Solutions, Issues and TIL Articles





Mac OS 7.6—Reference Release

Macintosh OS 7.6 is the first reference release of the Macintosh Operating System. This version provides numerous improvements like built-in Internet capabilities, improved productivity and reliability, and state-of-the-art multimedia support.

This document provides information about features, enhancements, usage requirements, upgrades, compatibility information, installation tips and possible troubleshooting solutions.





Features

Installer 4.0

- Provides an improved 4-step software installation process that walks users through:
- Reading important information from the Read Me file
- Updating hard disk drivers if necessary
- Selecting the disk where the system will be installed
- Selecting the software that will be installed

Note: Installer 4.0 will direct Disk First Aid to automatically scan the install-to drive before performing the installation.

Extensions Manager 4.0

- Newest version featuring:
- Detailed descriptions of extensions and control panels.
- Ability to view, and disable/enable extensions and





control panels by group according to technology. For example, viewing “by package,” a user can disable all QuickTime extensions and control panels with a single click.

- Ability to save and share configurations across groups.
- Create a text file of active extensions and control panels for troubleshooting purposes.

Apple System Profiler 1.1.2

- Provides user with an easy way to obtain configuration information.
- Generates a “Customer Care Code” which can be entered into a Decoder application and determine the exact configuration of a customer's system.
- Allows the user to view control panels and extensions sorted by All, Apple Only, and non-Apple.
- Lists number of attached devices and IDs
- Lists number of system folders installed on each





attached device.

- Will run on all 68040 and Power Macintosh systems, including Mac OS compatibles.
- Compatible with all new CPUs delivered since version 1.0.

OpenDoc 1.1.2

- Apple's component software can be either automatically installed with Mac OS 7.6 or can be an optional installation.

OpenDoc Essentials Kit

- Sample Live Objects (OpenDoc parts) intended to get users started with OpenDoc and Live Objects.
- QuickDraw 3DMF Viewer: allows QD3D files to be incorporated into any OpenDoc-aware document.
- Image Viewer: allows PICT, GIF, JPEG, and TIFF files to be incorporated into any OpenDoc-aware document.





- Apple Button editor: makes it easy to embed sounds, speech and URLs into any OpenDoc-aware document.
- Apple Draw container: offers basic drawing functionality.
- Apple Audio editor: allows for recording and playback of sound in any OpenDoc-aware document

QuickDraw GX 1.1.5

QuickDraw 3D 1.0.6

Cyberdog 1.2.1

- Apple's OpenDoc-based suite of Internet tools is now bundled with the Mac OS 7.6.

English Text-to-Speech 1.5

- Latest version of the control panel that is part of Apple's PlainTalk technology.





America Online 3.0

- Separate installer on the CD for PowerPC systems only or America Online 2.7 (separate installer also) for 68K systems.

DataViz MacLinkPlus Translators 8.1

- Supports translating to and from Macintosh and Windows versions of ClarisWorks 4.0 word processor, spreadsheet, and database documents.

Apple Internet Connection Kit 1.2

- Separate CD and installer.





Enhancements

- Virtual Memory - Performance is faster than previous versions of virtual memory when you:
 - open a large application program that requires a significant amount of RAM
 - switch between large application programs
 - switch between large documents within an application
 - access SCSI devices.

The amount of improvement will vary depending on the amount of RAM installed, the amount of virtual memory allocated, and the applications being used.

Virtual memory is automatically turned on when you install Mac OS 7.6. If you have less than 16 MB of built-in memory, do not turn virtual memory off or you may experience problems.





Note: Virtual now uses less system RAM so more is available for applications.

- A problem with the volume buttons on the front of the 5200, 5300, 6200, 6300, and 630 series computers has been fixed.
- In computers with PowerPC microprocessors, you can install cards with additional processors to increase speed and performance when using applications that take advantage of multiprocessor technology.
- WorldScript Power Adapter provides performance and stability enhancements on computers with PowerPC microprocessors. Computers using languages based on the Roman alphabet (French and English, for example) also benefit from the improvements provided by WorldScript.
- Computers with 68040 microprocessors and computers with PowerPC processors that use the NuBus expansion bus can now use disks larger than 4 gigabytes, up to a





maximum of 2 terabytes. On 68040 computers, large disks cannot be used as startup disks, and cannot contribute to virtual memory totals.

- Using the new enhanced screen capture options, you can copy screen images to the Clipboard or a file. Use the following keyboard combinations:
 - Command-Shift-Control-3 copies a picture of the entire desktop to the Clipboard.
 - Command-Shift-4 creates a picture file of a rectangular selection of the desktop. After pressing and releasing the key combination, position the cursor at the upper-left corner of the area you want to capture, then drag to the lower-right corner. If you continue to press the Shift key while dragging the cursor, the capture area will be constrained to a square. Release the mouse button and the picture will be saved.
 - Command-Shift-4-Caps Lock creates a picture file





of a window. After pressing the key combination, click the window you want to capture.

- To save the rectangle or window on the Clipboard instead of as a file, press the Control key as you click. To cancel a Command-Shift-4 screen selection, press the Space bar.
- Mac OS 7.6 fixes a problem in system software versions 7.5.3 and 7.5.5 in which the system took some of an application's memory, which occasionally caused compatibility problems.
- The Finder has more memory allocated to it, which should reduce error messages and reduce conflicts with certain extensions.
- Mac OS 7.6 will save information stored in the disk cache more often, which reduces the chance of a crash causing disk corruption.
- Resource Manager performance has been improved. Since both system software and applications use the





- Resource Manager, overall performance is enhanced.
- Input devices are no longer reinitialized during startup, allowing for shorter startup times.
 - A commonly-used memory allocation routine was made twice as fast as it was previously, resulting in faster OpenDoc performance.
 - The Modern Memory Manager, used on computers with PowerPC processors, cannot be turned off in the Memory control panel.
 - PowerPC computers memory management has been improved. If you could not open an application program in a low-memory situation, you may be able to use the application after you install this software.
 - In computers with a DOS Compatibility Card, problems inserting floppy disks while Windows is starting up have been fixed.
 - If you have a PowerPC PowerBook or a PCI-based computer, (PowerBook 5300 and 2300 series and





Macintosh 5400, 6400, 7200, 7500, 7600, 8500, and 9500 series computers), the computer may have “frozen” from time to time while accessing the hard disk. This release fixes one cause of this problem.

- The Apple TV Tuner or Macintosh TV Remote Control channel and volume buttons now work when pressed rapidly.
- Transferring large files over Ethernet with virtual memory turned on is more reliable.
- LocalTalk now works more reliably on Macintosh 5400 series computers and performs better when using some infrared software products.
- This release fixes a problem that caused a crash when using more than one background program. (A background program is one that works behind the scenes, so you don't see it in the Application menu. Some e-mail programs have this background feature.)
- The computer will no longer crash when using a shared





- printer on a network.
- Improved reliability on computers with PowerPC 604 or 604e processors running at 180 MHz or greater. These computers are less likely to freeze during startup or experience problems when formatting floppy disks.
 - Improved reliability using Ethernet on Macintosh 5400 and 6400 series computers.
 - Improved reliability using sound-intensive applications on Macintosh Quadra and Centris computers with the PowerPC upgrade card.





Usage Requirements

Mac OS 7.6 is compatible with Mac OS applications currently available and will run on Apple Macintosh and Mac OS-compatible systems with a 68030, 68040, or PowerPC processor, excluding the Macintosh SE/30, IIx, and IIcx.

16MB of total RAM is required. 8MB must be physical RAM. Virtual Memory can be used to reach 16MB total.

Mac OS 7.6 will require about 70MB of available hard disk space as a typical installation. (To install a minimal system, you will need about 40MB; to install all the optional software, about 120MB is needed.)

Note: Some Mac OS features may only be available on specific computer models.





Upgrades

U.S. customers who are using any version of System 7.5 will be able to upgrade to Mac OS 7.6 for \$69 (CD) or \$99 (floppy) by calling the Apple Software Order Center 1-800-742-1926 and providing proof of ownership. There is an additional \$6.95 shipping/handling charge and taxes may apply.

Customers who purchase a qualifying Macintosh or Mac OS-compatible computer after Dec. 7, 1996, that does not have Mac OS 7.6 installed can upgrade for a special price. For more information, customers can visit the Mac OS web page <http://www.macos.apple.com/macos/releases/fulfillment.html>.

For more upgrade information in countries outside the United States, customers should contact their Claris reseller or distributor.





Compatibility Information

- PowerTalk is not compatible with Mac OS 7.6. After you install Mac OS 7.6, you won't be able to access your PowerTalk mail or catalogs, nor will you be able to use your keychain or other PowerTalk services. See the Mac OS 7.6 installation manual for more information.
- OpenDoc, Cyberdog, and the LaserWriter 8.4 driver use a common piece of software called the CFM 68K Runtime Enabler. Apple has discovered a problem with the CFM 68K Runtime Enabler and is not including it with Mac OS 7.6. You cannot install OpenDoc, Cyberdog, and the LaserWriter 8.4 driver on computers with 68030 and 68040 microprocessors. (These items are included with Mac OS 7.6 for computers with PowerPC microprocessors.)

You may have applications that use the CFM 68K Runtime Enabler. Additional Apple products that use this software





include Apple Telecom software, version 3.0 or later, and the Apple Media Tool. These applications will not work on computers with 68030 and 68040 microprocessors and Mac OS 7.6. However, since the problem exists independently of Mac OS 7.6, you should still install Mac OS 7.6 and not use applications or versions of applications that require the CFM 68K Runtime Enabler. Apple is working on a solution to this problem and will release a new version of the 68K Runtime Enabler as soon as possible.

- Computers upgraded to 68030 or 68040 with a processor upgrade card are not supported by Mac OS 7.6.
- To use QuickDraw GX with a non-Apple printer, you need to obtain a QuickDraw GX printer driver. You will not be able to use your non-Apple printer without a GX driver. Contact your printer vendor for details.
- Apple Remote Access installs older versions of modem scripts. If you install Apple Remote Access after Open





Transport PPP, you'll see messages during the installation process. Respond that you want to use the newer versions of the modem scripts.

- If you don't have a printer connected, either locally or over a network, you should still select a printer driver in the Chooser. To select a printer driver, open the Apple menu and choose Chooser. Click a type of printer (for example, LaserWriter 8) in the box on the left side of the Chooser. If you don't select a driver, you could experience problems.
- AppleVision software version 1.0.2 is used by computers with 68040 processors and PowerPC processors that use the NuBus expansion bus. If you do a clean installation of Mac OS 7.6, version 1.0.4 of the AppleVision software is installed. (If you do a normal installation, your AppleVision software is not touched, and you retain version 1.0.2.) AppleVision software version 1.0.4 was not meant for computers with 68040





processors or computers that use the NuBus expansion bus. You can still use your computer and monitor with version 1.0.4, but you won't be able to use all of your monitor's features. To regain all the features of your monitor software, reinstall your AppleVision software from its original disks.

- The PowerBook 190cs and 5300cs display may appear blank upon the first restart after installing Mac OS 7.6, as well as every time after resetting PRAM. This is because the power manager is being updated on the PowerBook. Restarting the PowerBook once more will result in a normal screen. To shut the PowerBook down safely, press the power button one time (which brings up the shutdown dialog) and then press return.
- LaserWriter driver version 8.4, installed on PowerPC computers, will not work on computers with 68040 microprocessors. If you have a Power Macintosh Upgrade Card and switch between PowerPC and 68040 modes,





you will not be able to print in 68040 mode unless you install LaserWriter driver version 8.3.4 instead of version 8.4. You can install this LaserWriter version by installing a universal system on your computer. (The universal system is a custom installation option.)

Some features in LaserWriter version 8.4 are not available in version 8.3.4. In LaserWriter 8.3.4, you cannot print a PostScript file by dragging it to a desktop printer icon; you must use the Apple Printer Utility or the LaserWriter Utility. (One of these programs was included on the disks that came with your printer.) Also, in LaserWriter 8.3.4, you set up printers in the Chooser, not in the Printing menu.

- Printing is not available with QuickDraw GX while using Cyberdog (both QuickDraw GX and Cyberdog are available with Mac OS 7.6). To work around this problem, save e-mail messages and other Cyberdog files as text, then





- print them using another application.
- Color OneScanner driver will not work with Virtual Memory turned on. If you are using an Apple Color OneScanner with Scanner extension version 4.1 or earlier, you need to turn VM off. Apple will have a new scanner driver available to address this problem as soon as possible.
 - Macintosh Tutorial Part 1 will not work on computers with 68030 or 68040 processors. Part 1 of the Macintosh Tutorial, version 1.2 will not work on computers with 68030 or 68040 processors and Mac OS 7.6. Part 2 of the Macintosh Tutorial will work normally.
 - Mac OS 7.6 does not include PC Compatibility software. If you perform a clean installation of Mac OS 7.6, you will need to reinstall PC compatibility software.
 - Mac OS 7.6 does not include Apple Telecom software. If you perform a clean installation of Mac OS 7.6, you will





- need to reinstall Apple Telecom software.
- If your computer or CD-ROM drive is not manufactured by Apple, or you have an Apple CD-ROM drive which has been updated with a non-Apple driver, incompatibilities may result. To permit your CD-ROM drive to function correctly, remove “Apple CD-ROM” from the Extensions Folder, and reinstall the software to support your CD-ROM device.
 - Macintosh Easy Open control panel has been renamed “Mac OS Easy Open” control panel. Some software, including PC Compatibility software versions 1.5 and earlier, installs the Macintosh Easy Open control panel. If you install software that includes the Macintosh Easy Open control panel, remove it and use the Mac OS Easy Open control panel which is installed with Mac OS 7.6.
 - The Network Software Installer 1.5.1 installs an earlier version of AppleTalk than the one included with Mac OS 7.6. If an earlier AppleTalk version is installed, Open





Transport networking software will not work. Do not use the Network Software Installer after installing Mac OS 7.6.

- Mac OS 7.6 includes QuickTime PowerPlug version 2.5 for computers with PowerPC microprocessors. The QuickTake 150 installer replaces this with version 2.0. Remove the QuickTime PowerPlug file from your Extensions folder (inside the System Folder) before installing QuickTake 150 software. After the QuickTake software is installed, drag the PowerPlug file back to the Extensions folder.
- If you use the same port to alternately connect to a LocalTalk network and a serial printer, the port is not always correctly released after you turn off AppleTalk to use the printer. If you have trouble printing after turning AppleTalk off, restart the computer.
- Using the QuickDraw GX Installer to either install or remove QuickDraw GX when your computer has Adobe





Acrobat installed will display a message about missing fonts each time the computer is restarted. Reinstall or turn off Acrobat to stop the warning message. (Turning off QuickDraw GX in the Extensions Manager will not solve the problem.)

- When using other versions of PPP (such as MacPPP), settings for each control panel must be updated separately. If an application (such as the Dialer application included with the Apple Internet Connection Kit) makes changes to one control panel, the other must be updated manually. The Apple Internet Connection Kit Dialer will only work with MacPPP.
- The Drive Setup disk utility does not work with the PowerPC upgrade card. You can use HD SC Setup to update your driver or initialize a disk, but you need to turn off the PowerPC upgrade card before using HD SC Setup. If you need to start up your computer from a Disk Tools floppy disk, either turn off the upgrade card and





use the Disk Tools 1 disk, or make a copy of the Disk Tools 2 disk and replace Drive Setup with HD SC Setup. Then start up your computer with the new Disk Tools 2 you just created.

- Apple HD SC Setup should not be used to update the hard drive driver once the hard drive has been initialized with Drive Setup.
- The Extensions Manager control panel does not display aliases. If you have aliases in the Startup Items folder or the Shutdown Items folder, you can't turn off those items using the Extensions Manager.
- If you use the Assistant Toolbox extension (for portable computers) on a desktop computer, the contents of your RAM disk will be lost when you shut down your computer. Apple is working on a solution to this problem.
- Apple System Profiler does not display information about non-SCSI devices, including PC Cards, ATA devices, and ATAPI devices, with the exception of





internal ATA hard disks.

- Mac OS 7.6 requires MacsBug version 6.5.4. (MacsBug is a tool for software developers.) For information, check the Apple developer Web site at <http://devworld.apple.com>.





Installation Tips

Before Installing Mac OS 7.6

- Always make a backup before installing new system software.
- Check with the manufacturers of any non-Apple software you use to make sure it is compatible with Mac OS 7.6.
- If you have a portable computer, make sure that the computer is plugged in. You cannot install this software onto a portable computer running in SCSI disk mode. (With SCSI disk mode, you connect your portable computer with a SCSI Disk Adapter cable to another computer and use the portable computer as an external hard disk.)
- If you're installing over a network or can't start up with the Mac OS 7.6 disks, be sure to do the following:
 - Turn off any installed disk security, virus protection, and screen saver programs before





beginning. Also turn off “At Ease” software, if you have it installed.

- If you are installing on a portable computer, or a desktop computer with energy-saving software installed, set the computer so it will not go to sleep or shut down automatically. For instructions, see the documentation that came with your computer.
- If you have AppleShare Workstation software version 3.6, 3.6.1, or 3.6.2, you need to upgrade to version 3.6.4 before you can install Mac OS 7.6 over a network. This software is provided in the Utilities folder on the Mac OS 7.6 CD-ROM disc. Install this version of AppleShare before proceeding with the Mac OS 7.6 installation.
- Mac OS 7.6 installs Open Transport version 1.1.1. If you have a later version, you will need to reinstall it after installing Mac OS 7.6.





MacTCP users should also note network settings before installing Mac OS 7.6. MacTCP is removed when Mac OS 7.6 is installed. (Mac OS 7.6 includes the TCP/IP control panel instead.) If you are currently using MacTCP, you should note your current network settings (IP address, subnet mask, and so on) before installing Mac OS 7.6. After the installation, enter your network settings in the TCP/IP control panel.

- Some Performa or Power Macintosh 5200 series, 5300 series, 6200 series and 6300 series models cannot use Mac OS 7.6 until a hardware problem is fixed. The repairs are covered under the Apple repair extension program. To see if your computer has this hardware problem, use the 5xxx/6xxx Tester utility in the Utilities folder on the CD before installing Mac OS 7.6.

Note: The Power Macintosh or Performa 6360 does not have this hardware problem. If you have a Power





Macintosh or Performa 6360, you do not need to use the tester program.





Using the Install Mac OS program

To ensure a successful installation, you should use the “Install Mac OS” program to install Mac OS 7.6. This program unifies the tasks recommended for a successful installation and simplifies the installation process. Be sure to follow all the steps on the Install Mac OS screen.

Installation Steps

- Start up your computer using the Mac OS 7.6 CD-ROM disc or the Mac OS 7.6 Install Me First floppy disk. See your installation manual for instructions.
- Double click on the Install Mac OS icon.
- You should now see the installer screen show below.





 **To ensure a successful installation of Mac OS 7.6, perform all four steps listed below.**

1.	Read important information Click this button for instructions and late-breaking information.	
2.	Update your hard disk driver Click this button to update your disk driver.	
3.	Choose a disk for installation Click this button to choose where your software will be installed..	
4.	Install the software Click this button to begin the installation.	

The installer give you 4 options, just click the button for the selection of your choice.

- 1 Read important information - Allows you to read the Installing Mac OS 7.6 document, which provides information on compatibility and installation.





- 2 Update your hard disk driver (Click the button for step 2) - Hard disks with drivers older than those included with System 7.5 might cause problems after installing Mac OS 7.6. Your computer might not start up, or you might not see the disk icons on the desktop. To avoid these and other potential problems, you should update your drivers.

Note: You can't use the disk utilities provided by Apple if:

- You don't have an Apple computer, or you don't have an Apple hard disk. Check the instructions that came with your computer or hard disk to see if the manufacturer includes or recommends a disk utility, and use that utility to perform the update. Make sure to get the latest version of the disk utility (an old utility will install an old driver).
- You have previously used a non-Apple disk utility to





format your disk or update the driver. You'll need to use that utility again to perform the update. Make sure to get the latest version of the disk utility (an old utility will install an old driver).

- You have a PowerBook 150 and no external drives attached to the computer. The driver for the PowerBook 150's internal hard disk is in the computer's ROM and doesn't need to be updated.

To update your hard disk drivers, click the button for step 2 on the Install Mac OS screen. Read the dialog box that appears, then click on Continue.

When you see an Update Driver button, select a hard disk, then click Update Driver. Repeat this step for each hard disk attached to your computer

If you don't see an Update Driver button, click Drive until the "volume name" is a hard disk attached to your computer. Then click Update. Repeat this step for each





hard disk attached to your computer.

- 3 Choose a disk for installation - Use the pop-up menu to choose the disk on which you wish to install Mac OS 7.6.

For a typical installation, you need about 70 MB of disk space available on the disk you select. To install a minimal system, you need about 40 MB; to install all the optional software, you need about 120 MB.

- 4 Install the software - Click the button for step 4 on the main Install Mac OS screen. If you have failed to complete all 4 steps shown on the installer screen you will get a dialogue box reminding you of this. Read the dialogue box and make your choice.

When you click on the “Install Now” button a list of software products will appear.

Mac OS 7.6 is automatically installed on computers with PowerPC processors; OpenDoc and OpenDoc Essentials





are also automatically installed. You can also choose to install the following software products by clicking on the check boxes to the left of each product. As you select a product, the installation status on the right will change. Recommended choices are preselected.

- QuickDraw 3D, to view and manipulate 3D images on your computer. Only computers with PowerPC microprocessors can use QuickDraw 3D.
- MacLinkPlus translators, to open documents created in applications you don't have with appropriate applications you do have, including DOS and Windows documents. (These translators work with the Mac OS Easy Open control panel.)
- Apple Remote Access client software, to connect to a remote computer (such as your computer at work) using a modem. (The remote computer must have ARA server software installed.)
- Cyberdog, an application to access the Internet.





- Cyberdog requires the PowerPC microprocessor.
- Open Transport PPP software, to connect to the Internet using a modem.
 - English text-to-speech software, to have your computer read text and alert messages.
 - QuickDraw GX, for enhanced printing and typographical capabilities.

Click “Start” to install the selected software.

Note: To perform a custom installation, click the Customize button in the Software Installations window. Select your choices from the product list that appears and then click on “Start”. After selecting start, you will proceed through two dialogue windows to the Install window.

In the upper left hand corner there are three choices in the pull down window. Easy Install, Custom Install and Custom Remove.





Custom install has the following three selections:

- Universal system for any supported computer
- System for this computer
- Minimum system for any supported computer

Only one of these items should be selected at a time.

For more information, see the chapter on installing in the Mac OS 7.6 manual.





Installation-Troubleshooting Tips

- If you experience problems during installation, be sure to start up with the Mac OS 7.6 CD-ROM disc or the Mac OS 7.6 Install Me First floppy disk. See your Mac OS 7.6 installation manual for instructions.
- Some Apple-branded disks manufactured by third parties, including the Apple 365 MB external hard disk, are not supported by the Apple disk utilities. If your disk cannot be updated with the Apple utilities, you'll need to use a third-party disk utility to update the driver.
- If you see a message that your disk has problems and cannot be repaired, turn off file sharing if it is on, then try installing again. If that doesn't work, try using another disk-repair utility. If you don't have another utility, or if that utility also doesn't work, you may need to reinitialized the disk. Copy all your files to another disk first, as reinitializing erases the disk. For more





information about reinitializing, see the manual that came with your computer.

- If you're installing over a network, or if you have a non-Apple CD-ROM drive and can't start up with the CD, turn off all extensions that weren't provided with your system software. Then restart the computer.
- With System 7.5 or later, you can open the Extensions Manager control panel and choose System 7.5.x in the Sets pop-up menu, then restart the computer.
- If you're using an earlier version of system software, drag any non-Apple extensions out of your Extensions folder in the System Folder, then restart the computer. If you need to use non-Apple devices during installation, retain only those extensions. (Examples include video drivers, alternative input devices, network card drivers, and removable media.) If you don't know where a particular extension came from, select its icon, then choose Get Info from the File menu. Apple extensions all





have “© Apple Computer, Inc.” in the Version section of the Get Info box.

- If you experience problems during installation, be sure to start up with the Mac OS 7.6 CD-ROM disc or the Mac OS 7.6 Install Me First floppy disk.

Check the troubleshooting chapter in your installation manual for additional suggestions.





Post-Release Issues and TIL Articles

Since the release of Mac OS 7.6, the articles below that address OS 7.6 issues have been added to the TIL (Tech Info Library). To read the entire article, access the TIL in one of the following locations:

- For an Acrobat version of the TIL, refer to the Tech Info Library folder on the Service Source Companion CD
- For the online version of the TIL, go to Library section of Service Source Online, click on the Tech Info Library link and enter your Service Source password.

Computer Models Not Supported by Mac OS 7.6

Because the following computer models were still in development when testing of Mac OS 7.6 began, Apple was unable to test these computers with Mac OS 7.6. Therefore Mac OS 7.6 does not support them, and will not install on





them:

- Macintosh Performa 4400
- Power Macintosh 4400
- Power Macintosh 5500
- Power Macintosh 6500
- Power Macintosh 7300
- Power Macintosh 8600
- Power Macintosh 9600

In addition, the PowerBook 3400 does not support the finished goods version of Mac OS 7.6. It comes bundled with a specific version of Mac OS 7.6 which is included on a CD-ROM bundled with the computer. Apple is currently developing an updated version of Mac OS 7.6 (7.6.1) that will support these computers.





TIL Articles

- **Mac OS 7.6: Seeing Duplicate System Folders**
(#20970)

Brief: If you have installed Desktop Printing and have not selected a printer in the Chooser, double system folders may appear. This is a Desktop Printer issue.

- **Mac OS 7.6 CD and Computers With 8 MB RAM**
(#20938)

Brief: If you install some of the software included on the Mac OS 7.6 CD, you will need more than 8 MB installed RAM.

- **Mac OS 7.6 and Passive Matrix PowerBook Display Issue**
(#20818)

Brief: After installing Mac OS 7.6, or after resetting PRAM, the contrast of my PowerBook passive matrix display is very dark. The brightness and contrast controls do not adjust the screen.

- **Mac OS 7.6: Printer Control Strip Module Dimmed**





Brief: The control strip is for non-QuickDraw GX printers.

– **Mac OS 7.6: Netscape Navigator Freezes**

Brief: The Shared Library Manager extension is needed on PowerPC processor-based computers, and when this extension is turned off, Netscape Navigator v3.0 freezes.

– **Mac OS 7.6 and Connectix Speed Doubler Issue**

Brief: Some versions of Connectix Speed Doubler are not compatible with Mac OS 7.6. Speed Doubler version 2.0.1 fixes this problem and is now available from the Connectix web site at: <http://www.connectix.com/connect/update.html>

– **Mac OS 7.6: Printers Aren't Appearing in Chooser (3/97)**

Brief: You have inadvertently installed QuickDraw GX, which in turn disables all non-QuickDraw GX printers. Follow the instructions in the TIL article titled “QuickDraw GX: How to Remove” (next entry).





– **QuickDraw GX: How to Remove**

Brief: The QuickDraw GX Installer has an easy to use remove feature.

– **PowerBook 1400: Mac OS 7.6 Why Separate Monitors & Sound?**

Brief: You only need the one control panel, 'Monitors and Sound'.

– **Drive Setup: Cannot Update Driver or Other Options**

Brief: Drive Setup cannot update the driver on some SCSI and IDE drives, the Update driver, Customize volume, and Test disk selections are dimmed; Initialization options are available. The dimmed options become available only after initializing the hard drive.

– **Macintosh 6360,6400,5400: SCSI Devices Aren't Recognized**

Brief: Apple has developed an update for the Macintosh Performa and Power Macintosh 6360, 6400, and 5400 series computers to correct a SCSI timing issue that can





occur when using some SCSI devices. Update fixes have been rolled into Mac OS 7.6.

– **Power Macintosh Computers: Some Don't Support Mac OS 7.6**

Brief: None of these systems support Mac OS 7.6, and Mac OS 7.6 will NOT install on Power Macintosh 4400, 5500, 6500, 7300, 8600, or 9600 computers. Instead, a coupon was included in the box will to allow you to upgrade to the "upgrade to 7.6" once it becomes available.

– **Mac OS 7.6 & Macintosh TV Compatibility**

Brief: Mac OS 7.6 installs the Apple Video Player application and the Video Startup extension, which are not compatible with the TV Setup control panel. The Macintosh TV does not need the Apple Video Player or Video Startup extension so drag them to the Trash.

– **Blinking Question Mark After Install**

Brief: Upon restart after running the Mac OS 7.6





Installer the system displays blinking question mark (the hard drive will not mount). Problem occurs with drives formatted with Apple HDSC Setup 7.1.2 or older. Must reinitialize affected drive with Apple HDSC Setup 7.3.5 located in the Utilities folder on the Mac OS 7.6 CD.

