Macintosh Performa 640CD DOS Compatible: Description (10/95)

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TOPIC ---

This article provides a description of the Macintosh Performa 640 DOS Compatible
computer.

DISCUSSION ---

Overview
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The Apple Macintosh Performa 640CD DOS Compatible computer is the perfect choice
for your family when you want to keep your compatibility options open. It runs
DOS, Windows, and Macintosh applications simultaneously, which essentially makes
it two advanced CD multimedia computers in one.

The Performa 640CD DOS Compatible features dual microprocessors. Its 68LC040
processors provide excellent performance for easy-to-use Mac OS applications,
while its 486DX2 processor delivers strong performance for DOS and Windows
applications.

Because it's DOS-compatible, you can now easily use DOS and Windows
applications, CDs, and games on a Macintosh. You can instantly switch between
the Macintosh operating system (Mac OS) and the DOS or Windows environment. You
can even cut, copy, and paste information between them. And it allows you to use
Macintosh printers and peripherals with both operating systems.

Packed in one box are the computer, display, keyboard, mouse, fax/modem, and
operating system soft-ware. In addition, this Performa in-cludes useful home,
education, and home-business software programs, as well as CD-ROM reference
titles.

Its advanced multimedia expansion options let you tailor it to fit your needs.
You can connect it to an external video source such as a VCR or camcorder to cut
and paste video images. You can also add an option to connect your computer to a
large-screen TV for displaying presentations. And you can add an internal TV
tuner to view television channels in a window on your display.

The Macintosh Performa 640CD DOS Compatible computer delivers DOS and Windows
compatibility, Macintosh usability, and advanced multimedia capabilities—making
it one of the most versatile and capable multimedia computers ever built.

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Features
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Complete, compatible system
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• Ready to run Macintosh, DOS 6.22, and Windows 3.1 programs, right out of the
box
• Includes Microsoft MS-DOS 6.22, Windows 3.1, and Macintosh System 7.5
software
• Easy to set up, learn, and use
• Includes Macintosh and DOS-compatible computer capabilities, color 15-inch
display (13.3-inch viewable image size), built-in tray-loading CD-ROM player,
keyboard, mouse, digital sound, and internal speaker all in one box
• Comes with external fax/modem that supports both Macintosh and Windows
• Requires no additional software or cables


Compatibility
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• Built-in 68LC040 and 486DX2 micropro-cessors allow it to run MS-DOS, Windows
3.1, and Macintosh applications simultaneously
• Runs MS-DOS and Windows 3.1 applications, games, and CD-ROM discs directly on
a 486 processor
• Supports Sound Blaster 16 sound output for PC multimedia compatibility
• Supports VGA and SVGA monitors
• Includes ODI driver for Novell NetWare IPX and TCP/IP support in the DOS and
Windows environments
• Supports DOS-formatted floppy disks
• Includes PC game port


Integration
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• Lets you copy and paste between Mac OS and DOS or Windows environments
• Allows you to share folders and disks between Mac OS and DOS or Windows
environments
• Includes Macintosh PC Exchange, which you can customize to launch Mac OS
applications when opening a DOS or Windows file
• Lets you print from either environment with a Macintosh-compatible printer


Processor and Memory
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• 66/33 MHz 68LC040 microprocessor
  -  8MB of RAM (expandable to 52 MB of RAM)
• 1MB ROM
• 66 MHz 80486 DX2 microprocessor
  -  4MB of RAM (expandable to 32 MB of RAM)


Audio System
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• 8-bit stereo sound in Macintosh environment
• Stereo 16-bit CD playback in Macintosh environment
• Sound Blaster 16-compatible 16-bit stereo sound output in DOS and Windows
environments
• One sound-in and one sound-out port for Macintosh environment
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- Front and rear headphone jacks
- Front panel push-button volume control

Upgrades

- The DOS-Compatibility Card uses the single PDS slot. Thus, the Macintosh Performa 640 DOS Compatible cannot be upgraded to a PowerPC processor.

Software
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System software

- Mac OS 7.5.1
- MS-DOS 6.22
- Windows 3.1.1
- SoundBlaster

Third-party software

- American Heritage Dictionary
- MacLink Plus/Easy Open Translators
- Click Art Performa Collection
- eWorld
- ZipZap
TelePort Modem Legend Tour
- eWorld

- Quicken
- MacGallery Clip Art Treasure Pak
- At Ease
- Expresso
- TelePort Gold II for Performa   •
- Global Village
- eWorld Tour

CD bundle

- 1995 Grolier Multimedia Encyclopedia
- Club KidSoft CD
- TIME Almanac CD-ROM titles included

- 3D Atlas
- Sticker Shop Plus/Card Shop Plus

Configurations and Ordering Information:
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Macintosh Performa 640CD 12/500

- Macintosh Performa 640 computer with 12 MB of RAM, 1 MB of video memorybuilt-in AppleCD 300 Plus internal double speed CD-ROM player, 1.4 MB Apple SuperDrive floppy disk drive, 500 MB IDE internal hard disk drive
- Multiple Scan 15 Display
- Global Village internal 14.4 Kbps fax/send modem
- Bundled third-party software and CDs
- AppleDesign Keyboard
- Order No. M3939LL/A

Optional Enhancements

- Apple Video System
Order No. M2894LL/C

- Apple TV/Video System

Order No. M2896LL/C

• Apple Presentation System
Order No. M2895LL/A

• Macintosh Ethernet CS Thin Coax Card
Order No. M2708Z/A

• Macintosh Ethernet CS Twisted-Pair Card
Order No. M3065Z/A

• Macintosh Ethernet CS AAUI Card
Order No. M3066Z/A

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05 Oct 1995 - Updated video option part numbers.

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