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Macintosh Performa 6300CD: Description (3/96)

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TOPIC -----

This article provides a description of the Macintosh Performa 6300CD.

DISCUSSION -----

The most powerful and versatile Performa system ever created brings you increased system speed and enhanced communications performance.

The Apple Macintosh Performa 6300CD computer uses a state-of-the-art PowerPC 603e processor running at 100 megahertz to deliver up to 50 percent higher performance than previous 603-based systems.

The Performa 6300CD will meet your needs well into the future, not only with its leading-edge performance, but also with a 1.2 gigabyte hard drive – large enough to store applications and information for years to come.

This affordable system includes multimedia features that are expensive add-ons with other computers. A quadruple-speed CD-ROM drive accesses CD-based data quickly and plays audio and video segments smoothly. Stereo 16-bit sound provides high-quality audio playback, while an audio-input port lets you record your own sounds. Adding advanced multimedia options is easy. You can plug in a video-input card, a video-output interface box, an internal TV tuner, and other optional devices.

The Performa 6300CD also comes with special features for telephony. The high-speed (28.8 kilobits per second) modem works with the Apple PlainTalk microphone (included with the computer) and special software to let you use the computer as a speakerphone and an answering machine.

The Internet is right at your finger-tips with eWorld software, included with every Performa 6300CD computer. You can access World Wide Web sites, Internet electronic mail—and of course eWorld, Apple's easy-to-use on-line service.

The 6300CD is a complete, ready-to-use multimedia system. Packed in one box are the computer (with Mac OS 7.5.1 software already loaded), a color display, a keyboard, a mouse, an internal modem, and a microphone. Also included are more than a dozen home, education, and home-business programs, plus a collection of multimedia reference CDs.

Features

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Power and Speed

- PowerPC 603e processor running at 100 MHz
- Integrated floating-point unit
- 40 MHz, 64-bit bus
- 256K Level 2 cache
- 32K internal cache

Display

- 15" flat square shadow mask CRT
- .28 mm dot pitch
- Resolutions from 640x480 to 832x624

Video support

- Apple displays up to 15 inches through a 1MB DRAM video buffer (independent of system RAM)
- Wide range of VGA and SVGA displays from other vendors
- Offers 16-bit color for display of up to 32,768 colors on monitors using 640x480-pixel resolution
- Provides 8-bit color for display of 256 colors on monitors using 800x600-pixel or 832x624-pixel resolution

Memory

- Comes with 16MB of RAM
- Can be expandable to 64MB of RAM using two 32MB SIMMs
- Uses 72-pin, noncomposite, 80-nanosecond or faster DRAM SIMMs

Expansion

- Apple Desktop Bus port for mouse, keyboard, and other devices
- Monitor port (also supports connection to an NTSC or PAL video-out interface box, such as the Apple Presentation System)
- Serial port (RS-232/RS-422) for an AppleTalk network connection, other networking or communications equipment, or a printer
- SCSI interface port for connecting as many as five external SCSI devices, such as disk drives or CD-ROM drives
- LC processor-direct expansion slot
 - Compatible with most Macintosh Performa 400 and 500 series; Performa 630; Macintosh Quadra 605; and Macintosh LC II, LC III, LC 475, LC 550, LC 575, and LC 630 processor-direct cards
 - Can be used for an Apple MPEG Media System card or other specialized card
- Communications slot for a 28.8-kbps fax/data/voice modem (used by Global Village modem)
- Video slot for optional Apple Video System (NTSC, PAL, and SECAM video input)

- Dedicated connector and infrared remote receiver for optional internal Apple TV/Video System (provides TV tuner and video input)

Audio System

- Stereo 16-bit sound
- Built-in speaker
- Sound-output port
- Sound-input port (can be used to connect the Apple PlainTalk microphone included with the computer)
- Front headphone jack and volume control

Bundled software

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System Software

- Mac OS 7.5.1 software, including Apple Guide software for step-by-step help with basic system operation, QuickTime multimedia software, and Macintosh PC Exchange software

Pre-installed software

- eWorld (including the eWorld Web Browser)
- eWorld Tour
- At Ease
- ClarisWorks
- The American Heritage Dictionary
- ClickArt Performa Collection
- Espresso
- Lode Runner
- MacGallery Clip Art Treasure Pak
- MacLinkPlus/Easy Open Translators
- Mangia (special Performa edition)
- Power Pete
- Quicken
- Virex
- WealthBuilder
- The Writing Center
- Megaphone
- Megaphone Tour
- Adobe Acrobat
- Global Fax
- Global Fax Tour

CD-ROM titles

- 1995 Grolier Multimedia Encyclopedia
- TIME Almanac Reference Edition
- 3D Atlas
- The Family Doctor
- Smithsonian's America

- My First, Incredible, Amazing Dictionary
- Sesame Street Numbers
- Making Music by Voyager
- Club KidSoft CD

Configuration and Ordering Information

Macintosh Performa 6300CD 16/1.2GB/4xCD/28.8

- Macintosh Performa 6300CD computer with 16 MB of RAM, 1 MB of video memory, built-in AppleCD 600i internal quadruple speed CD-ROM player, 1.4 MB Apple SuperDrive floppy disk drive, internal 1.2 GB hard disk drive
- Global Village 28.8 Gold IIv modem
- Apple Multiple Scan 15" Display
- AppleDesign Keyboard
- Apple PlainTalk microphone
- Order number M4425LL/A

Optional Enhancements

- Apple MPEG Media System
Order No. M4243LL/A

- Apple Video System
Order No. M2894LL/C

- Apple TV/Video System
Order No. M2896LL/C

- Apple Presentation System
Order No. M2895LL/A

- Apple Ethernet LC Thin Coax Connection
Order No. M33462Z/A

NOTE:

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

Article Change History:

- 05 Mar 1996 - Corrected part number.
- 20 Dec 1995 - Added keyword.
- 16 Oct 1995 - Reviewed for technical accuracy.

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