



# Tech Info Library

## Macintosh Performa 6290CD: Description (8/96)

Article Created: 23 January 1996

Article Reviewed/Updated: 5 August 1996

TOPIC -----

This article provides a description of the Macintosh Performa 6290CD.

Note: The Macintosh Performa 6290 is similar to the Macintosh Performa 6300CD, but it differs in both the memory configuration and the software bundle.

DISCUSSION -----

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

The Apple Macintosh Performa 6290CD 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 6290CD 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 6290CD 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 speak-erphone and an answering machine.

The Internet is right at your fingertips with eWorld software, included with every Performa 6290CD computer. You can access World Wide Web sites, Internet electronic mail--and of course eWorld, Apple's easy-to-use on-line service.

The 6290CD is a complete, ready-to-use multimedia system. Packed in one box are the computer (with Apple System 7.5 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

=====

### 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

-----

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

### Video support

-----

- Apple displays up to 15 inches through a 1 MB 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 8 MB of RAM
- Can be expandable to 64 MB of RAM using two 32 MB 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

=====

#### 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

-----

- Acrobat Reader
- The American Heritage Dictionary
- At Ease
- ClarisWorks
- ClickArt Performa Collection
- Connectix Desktop Utilities
- Eric's Solitaire Sample
- eWorld
- eWorld Tour
- Espresso
- Global Fax
- Global Fax Tour
- Lode Runner
- MacGallery Clip Art Treasure Pak
- MacLinkPlus/Easy Open Translators
- Megaphone
- Megaphone Tour
- Quicken
- WealthBuilder
- The Writing Center
- Zoop

#### CD-ROM titles

-----

- Grolier Multimedia Encyclopedia

- TIME Almanac Reference Edition
- 3D Atlas
- The Family Doctor
- Smithsonian's America
- Jump Start 1st Grade
- Making Music by Voyager
- My First Incredible, Amazing Dictionary

#### Configuration and Ordering Information

=====

Macintosh Performa 6290CD 8/1.2GB/4xCD/28.8

- 
- Macintosh Performa 6290CD computer with 8 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 Internal modem
  - Apple Multiple Scan 14" Display
  - AppleDesign Keyboard
  - Apple PlainTalk microphone
  - Order number M4727LL/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 Aug 1996 - Corrected modem information.
- 05 Apr 1996 - Corrected order number information.
- 14 Feb 1996 - Corrected monitor information.

Copyright 1996, Apple Computer, Inc.

Keywords: specsht

=====  
This information is from the Apple Technical Information Library.

19960805 15:28:13.00

Tech Info Library Article Number: 19244