Macintosh Performa 6290CD: Specifications (3/96)

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TOPIC ---

This article provides technical specifications for the Macintosh Performa
6290CD.

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

DISCUSSION --

Hardware
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Microprocessor

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

Memory

• Comes with 8 MB of RAM (uses one SIMM socket)
• Can be expandable to 64MB of RAM using two 32 MB SIMMs
• Uses 72-pin, noncomposite, 80-nanosecond or faster DRAM SIMMs

Storage

• Internal 1.2 GB hard disk drive
• Internal Apple SuperDrive floppy disk drive
  — Uses high-density, 1.4MB floppy disks
  — Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS
    disks
• Internal, quadruple-speed AppleCD 600i CD-ROM drive

Modem

• Global Village 28.8 kbps fax modem

• Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

Monitor (Apple Multiple Scan 14 Display)

• Comes standard with an Apple 14-inch RGB color display (12.4-inch diagonal
  viewable image size)
• 0.28-mm dot pitch
• Non-Interlaced
• Tilt-and-swivel base
• Shadow mask picture tube
• Multiple Scan
• Stereo speakers
• Meets the strictest international magnetic-field emissions requirements
  (SWEDAC MPR II)

Display 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

Colors and Resolutions

Begin_Table

Resolution	Max. Bit Depth	Max. Number of Colors
640 x 480	16	32,768
800 x 600	8	256
832 x 624	8	256

End_Table

Interfaces

• 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)

Sound

- 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

Communications

- Global Village 28.8-kbps fax/data/voice/modem
- Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)
- Megaphone software lets users turn their Macintosh Performa 6300CD into a
  speakerphone and digital answering Machine; included fax software allows
  users to send and receive fax communications

Keyboard

- Provides adjustable keyboard slope
- Includes function keys, numeric keypad, cursor arrow keys, and special
  screen-editing keys

Mouse

- Round shape fits contour of the palm of the hand
- Large button allows easy clicking and dragging

Electrical Requirements
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Main Unit

- Line voltage: 110 to 240 V AC, RMS, single phase, nominal
- Frequency: 50 to 60 Hz
- Power: 55 W maximum

Monitor

- Line voltage: 90-132, 198-260 V
- Frequency: 47-63 Hz
- Power: 90 W maximum

Size and Weight
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Main Unit

- Height: 4.3 in. (10.95 cm)
- Width: 12.6 in. (32.0 cm)
- Depth: 16.5 in. (41.9 cm)
- Weight: 19 lb. (8.6 kg)

Monitor

- Height: 16.7 in. (42.4 cm)
- Width: 15.9 in. (40.5 cm)
- Depth: 17.8 in. (45.2 cm)
- Weight: 31.0 lb. (14 kg)

Operating Environment
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Main Unit

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: −40° to 116° F (−40° to 47° C)
- Relative humidity: 5% to 95%, noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Monitor

- Operating temperature: 10 to 40 degrees C (50 to 104 degrees F)
- Storage temperature: 0 to 60 degrees C (32 to 140 degrees F)
- Relative humidity: 20% to 95%
- Maximum altitude: 10,000 ft. (3000 m)

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

Disability Access

- CloseView software magnifies image up to 16 times
- Easy Access software for sequential combination keys, and cursor control
  from the numeric keypad
- "Visual beep" replaces audible system alerts

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
- Expresso
- 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

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Support Information Services

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