



# Tech Info Library

## Macintosh Performa 6320CD: Technical Specifications (9/96)

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TOPIC -----

This article contains the technical specification for the Macintosh Performa 6320CD.

DISCUSSION -----

### Microprocessor

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- PowerPC 603e processor running at 120 MHz
- Integrated floating-point unit
- 40 MHz, 64-bit bus
- 256K level 2 cache
- 32K internal cache

### Memory

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- Comes with 16 MB of RAM (uses one SIMM socket)
- Expandable to 64 MB of RAM using two 32 MB SIMMs
- Uses 72-pin, noncomposite, 80-nanosecond or faster DRAM SIMMs

### Disk drives

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- Internal 1.2GB 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

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- Internal, up to 28.8-kbps data and 14.4-kbps electronic fax send/receive
- Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

### Sound

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- 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

#### Interfaces

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- 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 modem (used by Global Village modem)
- Composite and S-video inputs for video viewing and capture
- Integrated TV tuner to attach to TV antenna
- Infrared remote control

#### Display support

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- 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

#### Color support

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- 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 800xpixel or 832x624-pixel resolution

#### Electrical requirements

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

#### Size and weight

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- 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)

#### Operating environment

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- 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)

#### Disability access

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- 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

#### Apple Multiple Scan 15 Display

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- 15-inch diagonal RGB color display (13.3-inch diagonal viewable image size)
- Up to 832x624-pixel resolution at a scan frequency of 75 Hz
- 0.28-mm dot pitch
- Meets the strictest international magnetic-field emissions requirements (SWEDAC MPR2)
- 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)

#### AppleDesign Keyboard

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

#### Apple Desktop Bus Mouse II

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

#### Article Change History:

25 Sep 1996 - Removed keyword.  
 29 May 1996 - Changed distribution status.  
 19 Apr 1996 - Updated information.

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