



Tech Info Library

Macintosh Performa 5400/160 (non-US): Specifications (10/96)

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TOPIC -----

This article contains the technical specifications for the Macintosh Performa 5400/160 computer, which is only available outside of the United States.

DISCUSSION -----

Technical Specifications

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Microprocessor

- * PowerPC 603e processor running at 160 MHz
- * 32K internal cache
- * Integrated floating-point unit
- * 64-bit memory bus
- * Optional High Performance Module (256K level 2 cache)

Memory

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- * Comes with 16 MB of RAM (8 MB on the logic board and an 8MB DIMM in one of the DIMM sockets)
- * Can be expanded to 136 MB using two 64 MB DIMMs
- * Uses 64-bit-wide, 168-pin, 70-nanosecond or faster, fast-paged-mode DIMMs (1K and 2K refresh)

Disk drives

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- * Internal 1.6GB 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 AppleCD 8x-speed CD-ROM drive

Display

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Built-in display

- * 15-in. RGB color display (12.8-in. diagonal viewable image size)
- * 0.28-mm dot pitch

- * Noninterlaced, flat, square cathode-ray tube (CRT)
- * User-adjustable resolutions from 640 by 480 pixels to 832 by 624 pixels
- * Resolution can be changed without restarting the computer
- * Refresh rate up to 75 Hz
- * Built-in base tilts from -5 to +15 degrees, swivels a full 360 degrees
- * Meets SWEDAC MPR2 international guidelines for magnetic-field emissions

Display support

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- * 16-bit color for display of up to 32,768 colors at 640- by 480-pixel or 800- by 600-pixel resolution
 - * 8-bit color for display of 256 colors at 832- by 624-pixel resolution
 - * 1MB video frame buffer (independent of system RAM)

Built-in modem

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- * 28.8-Kbit/s, V.34, data/fax/voice modem
 - * Works with supplied software to provide answering machine capability
 - * Built-in error correction and compression (MNP4, V.42, MNP5, V.42bis)

Sound

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- * Stereo 16-bit sound
 - * Built-in stereo speakers
 - * Built-in microphone
 - * Sound-output port
 - * Sound-input port
 - * Front headphone jack and volume control
 - * Apple sound enhancements, including SRS 3D surround sound

Expansion interfaces

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- * PCI expansion slot for industry-standard 6.88-in., 15-watt expansion cards
 - * Apple Desktop Bus port for mouse, keyboard, and other devices (multiple devices can be connected to each other from one port)
 - * RS-232/RS-422 serial port for an AppleTalk network connection, other networking connections, communications equipment (including GeoPort-compatible devices), or a printer
 - * SCSI interface port for as many as six external SCSI devices, such as disk drives, CD-ROM drives, and/or digital scanners
 - * Optional video-out port for connection to an external monitor for video mirroring (also supports connection to an NTSC or PAL video-out interface box, such as the Apple Presentation System)
 - * Communications slot (used by the built-in 28.8-Kbps data/fax/voice modem)
 - * Video slot (used by the optional Apple Video System to connect a VCR, video camera, or other video equipment; supports both composite and S-video input)
 - * TV tuner slot (used by the optional Apple TV/FM Radio System)

Electrical requirements

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- * Line voltage: 110 to 240 V AC, RMS, single phase, nominal
 - * Frequency: 50 to 60 Hz
 - * Power: 220 W maximum (continuous)

- * Includes low-power sleep mode
- * U.S. EPA Energy Star compliant

Size and weight

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- * Height: 17.5 in. (44.5 cm)
- * Width: 15.1 in. (38.3 cm)
- * Depth: 16 in. (40.6 cm)
- * Weight: 47 lb. (21 kg)

Operating environment

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

Disability access

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- * CloseView software magnifies screen image up to 16 times
- * Easy Access software permits combination keys to be pressed sequentially and enables cursor control from the numeric keypad instead of the mouse
- * "Visual beep" replaces audible system alerts

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