Performa 575, 577, 578: Specifications (Discontinued)

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TOPIC ---

This article provides technical specifications for the Macintosh Performa 575,
577, and 578 computer systems. These products differ in four ways:
• Amount of RAM installed
• Hard drive capacity
• Application software installed
• Where sold

DISCUSSION --

Microprocessor

• MC68LC040, 33 MHz clock speed; 32-bit data bus
• Built-in memory-management unit

Memory

• 5MB or 8MB RAM (4MB RAM on logic board)
• Expandable to as much as 36MB by adding 1MB, 2MB, 4MB, 8MB, 16MB, or 32MB
  SIMM to a single 72-pin slot. Requirement: 72-pin fast-paged, 80ns or
  faster.
• 1MB ROM

Storage

• One built-in Apple SuperDrive 1.4MB floppy disk drive
• One internal 250MB or 320MB hard disk
• Internal AppleCD 300i Plus CD-ROM drive with new tray-loading design
  - Does not require a CD caddy
  - Average access time: 295 ms
  - Capacity: 650MB
  - Supported formats: Multisession Photo CD, High Sierra (ISO 9660),
                       Macintosh HFS, Audio CD, CD + G/CD + MIDI,
                       CD-ROM XA, CD-I
• Start-up (bootable) CD-ROM with system software

Video Display

- Integrated Macintosh Color Display with 14-inch Trinitron CRT
- Resolution: 640 x 480 pixels, 69 dpi, .26 mm dot pitch
- Standard 1MB VRAM supports 32,768 colors (16-bit color)

Interfaces

- Internal expansion slot for one Macintosh LC processor-direct
  expansion card. Compatible with Apple IIe Card.
- SCSI interface for connecting up to five external devices
- Communication slot can be easily configured -- by the user -- to accept
  any of three Ethernet cards (10BASE-T, Thin Coax, Apple AUI),
  or a high-speed 14.4 KB fax/modem (based on PowerBook Express Modem).
- Two serial (RS-232/RS-422) ports
- One stereo sound-output port for external audio amplifier or headphones
- One Apple Desktop Bus (ADB) ports for keyboard, mouse, and other
  devices
- Front headphone jack
- Built-in microphone above display
- One sound-input port for four sources: internal or external microphone*,
  internal CD-ROM, or external audio

* - Note: Requries PlainTalk microphone.

Pull-out Logic Board

Allows easy upgrades to DRAM, VRAM, PDS, and communication slot.

Sound Generator

- Stereo 8-bit digital-analog conversion using 22-kHz sample rate, capable
  of driving stereo headphones or other stereo equipment through the sound
  jack and headphone jack
- Two built-in stereo speakers
- CD output is 16-bit digital

Keyboard and Mouse

- ADB Mouse II
- Apple Desktop Bus (ADB) keyboard with numeric keypad and two-level tilt
  adjustment

Clock/Calendar

- Custom integrated circuit with long-life alkaline battery.

Disability Access

- CloseView, Easy Access, and visible-beep software are built in.
- Third-party options provide alternative input and output devices

Power Requirements

- Line voltage: 90 to 264 V AC, RMS single phase, automatically

configured
- Frequency: 47 to 63 Hz
- Power: 40 W maximum, not including display
         60 W maximum, including display
- Energy-saving feature reduces power consumption by 50%
- One AC outlet powers computer, display, drives, and speakers

ADB Power Requirements

- Maximum current draw for all ADB devices: 500 mA (three ADB devices
  maximum is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA, depending model used

Software

- Macintosh System Software version 7.1P6, designed specifically for
  Performa computers. The Performa 575 series requires System Enabler 364.
- At Ease software lets adults share the computer with children -- while
  protecting valuable data.
- Macintosh PC Exchange lets you work with MS-DOS and Windows disks.
- Application software: a selection of productivity and communication tools
  already installed on the hard drive.
- Launcher software provides easy way to launch applications, and provides
  easy access to service and support information, user tips, etc.

Telecommunications

• External Global Village TelePort Bronze modem includes fax send software,
(receive software upgrade available from Global Village).

Service and Support

- One year limited warranty
- One year free in-home service
- Toll-free help line
- Support for non-Apple software is provided by the respective software
  publishers.

Size and Weight

Main unit:
- Height: 17.9 in. (45.5 cm)
- Width: 13.5 in. (34.4 cm)
- Depth: 16.5 in. (42.0 cm)
- Weight: 40.5 lbs (18.4 kg)

Mouse:
- Height: 1.3 in. (3.3 cm)
- Width: 2.4 in. (6.2 cm)
- Depth: 4.2 in. (10.7 cm)
- Weight: 4.0 oz. (0.10 kg)

Operating Environment

- Operating temperature: 50 to 104° F (10 to 40° C)
- Storage temperature: -40 to 116.6° F (-40 to 47° C)
- Relative humidity: 20% to 85% noncondensing
- Maximum altitude: 15,000 ft. (4,722 m)

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19 Aug 1996 - Changed misspelling.
16 May 1995 - Added microphone information.
18 Oct 1994 - Updated modem information.

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