Macintosh Performa 630: Specifications (11/95)

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TOPIC ---

This article gives the technical specifications for the Macintosh Performa 630
computer.

DISCUSSION --

Microprocessor

• 66/33-MHz Motorola 68LC040 with 32-bit data bus
 (66-MHz processor/33-MHz data bus)

Memory

• 4MB RAM soldered to logic board, one SIMM socket for expansion up to 36MB
  of memory. Utilizes 72 pin, 80ns memory.

Disk Drives

• One built-in Apple SuperDrive 1.4MB floppy disk drive
• One internal 250MB IDE type hard disk
• Optional internal CD-ROM drive

Video Display

• Comes with Apple Performa Plus Display: 14-inch RGB Color Monitor color
  display, 640-pixel by 480-pixel resolution, 0.28-mm dot pitch, noninterlaced
• Supports Apple displays of up to 15 inches
• Works with a wide range of third-party VGA and SVGA displays
• 1MB DRAM display support, independent from system DRAM
• Standard 16-bit color for display of up to 32,768 colors on monitors of
  up to 14 inches and on 15-inch monitors at 640- by 480-pixel resolution
• Standard 8-bit color for display of 256 colors on 15-inch monitors at
  800-pixel by 600-pixel resolution

Modem

• Comes with TelePort/Bronze for Macintosh Performa from Global Village
  Communications: 9,600-bps send-only fax and 2,400-bps send and receive data

Interfaces

• One Apple Desktop Bus (ADB) port supports a keyboard, mouse, and other
  devices
• Two (RS-232/RS-422) serial ports
• SCSI interface port for connecting up to six external peripheral devices
  (five in configurations with internal CD-ROM player)
• Internal expansion slot compatible with most Macintosh Performa 400 and
  500 series, Macintosh Quadra 605, Macintosh LC II, LC III, LC 475,
  LC 520, and LC 575 processor-direct cards
• Communications slot for future addition of either Ethernet card or
  14.4-baud fax/modem card
• Video slot for NTSC, PAL, and SECAM video-input card
• Dedicated connector for internal TV tuner
• One standard monitor port also supports connection to external video-out
  (NTSC or PAL) drop box

Audio capabilities

• 8-bit on-board Stereo sound output and mono sound in

Networking

• Built-in AppleTalk port

Keyboard and Mouse

• AppleDesign Keyboard
• Apple Desktop Bus Mouse II

Clock/Calendar

• Custom integrated circuit with long-life lithium battery

Disability Access

• CloseView, Easy Access, and the ability to substitute visual cue for
  beep included with system software. These built-in solutions and
  third-party options provide alternative input and output devices for
  people with disabilities.

Electrical Requirements

100-240 volts AC, 50-60 Hz
Power: 45 W maximum, not including monitor

ADB Power Requirements

500ma maximum draw

Size and Weight

- Height: 4.3 in. (10.95 cm)
- Width: 12.6 in. (32 cm)
- Depth: 16.5 in. (41.95 cm)
- Weight: 19 lb. (8.6 kg) with CD-ROM player
  (varies based on internal devices installed)

Operating Environment

Operating temperature 50° F to 104° F (10° C to 40° C)
Storage temperature -40° F to 116.6° F (-40° C to 47° C)
Relative Humidity 5% to 95% noncondensing
Altitude Works below 10,000 feet (3048 m)

System Software Requirements

- System software version 7.1 with multitasking, file sharing, QuickTime,
  Balloon Help, TrueType fonts, and more

Article Change History:
29 Nov 1995 - Corrected minor typo.
04 Jan 1995 - Added audio capabilities.
20 Jul 1994 - Corrected processor specifications.

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