



# Tech Info Library

## Performa 467: Specifications (7/94)

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TOPIC -----

This article provides technical specifications for the Macintosh Performa 467 computer.

DISCUSSION -----

### Microprocessor

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- MC68030, 32-bit architecture, 33 MHz clock speed
- Socket for optional 68882 FPU
- CMOS custom clock/calendar with long-life lithium battery

### Memory

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- 4MB RAM on logic board, expandable to 36MB via one 72-pin SIMM slots
- 512K Video RAM (VRAM) for 256 colors on the Apple Performa PLUS Display. VRAM is expandable to 768K for 32,000 colors.

### Video Display

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- Apple Performa Plus Display standard:
  - 14-inch color display
  - 640 x 480 pixels
  - 0.28mm dot pitch
  - Meets international magnetic-field emissions guidelines (SWEDAC MPR2)

### Storage

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- One internal SuperDrive 1.4MB high-density floppy-disk drive, reads disks from Macintosh, Apple II, MS-DOS, and Windows systems
- One internal 160MB SCSI hard disk drive
- Optional external SCSI hard disk drive (many capacities available)
- Optional external AppleCD CD-ROM drive

### Modem

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- TelePort/Bronze for Macintosh Performa

(from Global Village Communication, Inc.)

- GlobalFax software (send-only fax) for 9600-baud faxing from any application to fax machines worldwide (upgradable to receive fax via software)
- Modem also serves as 300/1200/2400-baud data modem
- No separate power adapter required

#### Power Input

- Line voltage: 90 to 240 volts AC, RMS automatically configured
- Frequency: 47 to 63 Hz single phase
- Power: 50 watts maximum, not including display power

#### Interfaces

- One Apple Desktop Bus (ADB) port supports a keyboard, mouse, and other devices daisy-chained through a low-speed, synchronous serial bus
- Two serial (RS-232/RS-422) ports, 230 kilobits per second maximum (up to 0.920 megabits per second if clocked externally)
- SCSI interface for connecting up to six external devices
- Video port supports RGB and monochrome monitors of various sizes and resolutions
- Sound output port capable of delivering monophonic sound to both channels of a stereo device
- Sound input port for monaural sound input (monaural 8-bit sound, sampled at 22 or 11 kHz)
- Internal expansion slot for one processor-direct expansion card

#### Keyboard and Mouse

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

#### Apple Desktop Bus Power Requirements

- Maximum current draw for all ADB devices: 200 milliamperes (mA)
- Recommended maximum of three ADB devices
- Mouse draws 10 mA
- Keyboard draws 25 mA

#### Sound Generator

Custom sound chip, including mono sampling generator capable of driving stereo miniature phone jack headphones, or stereo equipment by sending the same output into each channel.

#### Software

- Macintosh System Software version 7.1P, designed specifically for Performa computers.
- 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.

#### Disability Access

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

#### Size and Weight

- Main Unit
  - Weight: 8.8 lb. (4.0 kg)
  - Height: 3.0 inches (77 mm)
  - Width: 12.2 inches (310 mm)
  - Depth: 15.0 inches (382 mm)
- Mouse
  - Weight: 6 oz. (0.17 kg)
  - Height: 1.1 inches (27.9 mm)
  - Width: 2.1 inches (53.3 mm)
  - Depth: 3.8 inches (96.5 mm)
- Keyboard
  - Weight: 2 lb. (1 kg)
  - Height: 1.8 inches (44 mm)
  - Width: 16.5 inches (418 mm)
  - Depth: 5.6 inches (142 mm)

#### Environment

- Operating temperature: 10 to 40° C (50 to 104° F)
- Storage temperature: -40 to 47° C (-40 to 116.6° F)
- Relative humidity: 20% to 80% (noncondensing)
- Maximum altitude: 3048 m (10,000 ft.)

#### 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.

#### Article Change History:

26 Jul 1994 - Expanded sound generation section.

#### Support Information Services

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