



# Tech Info Library

## Power Macintosh 7200/120: Technical Specifications (8/96)

Revised: 8/1/96  
Security: Everyone

Power Macintosh 7200/120: Technical Specifications (8/96)

=====  
Article Created: 28 March 1996  
Article Reviewed/Updated: 1 August 1996

TOPIC -----

This article contains the technical specifications for the Power Macintosh 7200/120 computer.

DISCUSSION -----

Microprocessor  
=====

- \* 120-MHz PowerPC 601 microprocessor
- \* Integrated floating-point unit and 32K cache

Memory  
=====

- \* 8 MB or 16 MB of RAM, expandable to 256 MB via 4 DIMM sockets
- \* 4 MB of ROM
- \* Optional 256K level 2 cache

Disk drives  
=====

- \* Internal 1.2 GB SCSI hard disk
- \* Internal Apple SuperDrive floppy disk drive
  - Accepts high-density 1.4MB disks and 800K disks
  - Reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- \* Internal quadruple-speed or 8x-speed CD-ROM drive, depending on configuration
- \* Expansion bay for additional 3.5-inch hard disk or other SCSI device

Interfaces  
=====

- \* Three PCI expansion slots compatible with PCI 2.0-compliant cards
- \* Two high-speed DMA serial (RS-232/RS-422) ports compatible with LocalTalk and GeoPort cables

- \* 10BASE-T and AAUI-15 Ethernet connectors; optional PC Compatibility Cards provide multinode support for simultaneous network connections
- \* Internal/external SCSI bus (up to 5MB/s)
- \* Apple Desktop Bus (ADB) expansion port
- \* Mini jacks for stereo audio input and output
  - 16-bit audio
  - Up to 44.1-kHz sampling rate
- \* DB-15 connector for monitor

#### Graphics support

=====

- \* VRAM-based accelerated graphics
- \* 1MB of VRAM, expandable to 4MB
- \* 64-bit data path to VRAM (with 2MB of VRAM)
- \* Support for display resolutions of up to 1,280x1,024 pixels
- \* 24-bit color up to 1,024x768 resolution
- \* Refresh rate of up to 75 Hz

#### Audio System

=====

- \* Custom sound circuitry, including stereo generator (digital-to-analog converter, or DAC)—capable of driving stereo miniplug headphones or audio equipment—and stereo sampling hardware (analog-to-digital converter, or ADC) for recording stereo sound
- \* 16-bit stereo input and output
- \* Sample rates of 44.1 and 22.05 kilohertz (kHz)
- \* Input line level: 2 volts peak-to-peak nominal, into 6.5-Kilohm (k ) impedance
- \* Output line level: 2.2 volts peak-to-peak nominal, into 1 k impedance
- \* Input through output SNR\*\*>: >74 decibels (dB) typical
- \* Bandwidth: 10 Hz-19 kHz (+/- 2 dB) at 44.100 kHz sample rate
- \* THD+N\*: Less than 0.06%; measured 30 Hz-16 kHz with a 2-Vpp sine wave input
- \*\*SNR is signal-to-noise ratio; THD+N is total harmonic distortion plus noise.

#### Clock/calendar

=====

- \* Custom integrated circuit with long-life battery

#### Keyboard and mouse

=====

- \* Supports ADB keyboards with numeric keypads
- \* Comes with an ADB Mouse II

#### Electrical requirements and compliance

=====

- \* Line voltage: 100 to 240 V AC, RMS single phase
- \* Frequency: 50 to 60 Hz, single phase
- \* Power: 150 W maximum, not including display
- \* EPA Energy Star compliant

#### ADB power requirements

=====

- \* Maximum current draw for all devices: 500 mA  
(a maximum of three ADB devices is recommended)
- \* Mouse draws 10 mA
- \* Keyboard draws 25 to 80 mA (varies with keyboard used)

Size and weight

=====

- \* Height: 6.15 in. (15.6 cm)
- \* Width: 14.37 in. (36.5 cm)
- \* Depth: 16.93 in. (43.0 cm)
- \* Weight: 22 lb. (9.97 kg)

Environmental requirements

=====

- \* 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)

Article Change History:

- 01 Aug 1996 - Added sound information.
- 12 Jul 1996 - Added additional information.
- 19 Apr 1996 - Updated information.

Copyright 1996, Apple Computer, Inc.

Tech Info Library Article Number:19528