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Power Macintosh 7200 PC Compatible: Specifications (10/96)

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Revised:        10/28/96
Security:       Everyone
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TOPIC ---

This article contains the techncial specifications for the Power Macintosh
7200/120 PC Compatible computer.

DISCUSSION ---

Microprocessors & RAM
=====================

Power Macintosh

• 120-MHz PowerPC 601 with integrated floating-point unit and 256K
  level 2 cache
• 8 MB or 16 MB of RAM (depending on configuration), expandable to 256 MB via
  three DIMM expansion slots (total of 4 DIMM slots)

PC Compatibility Cards

• Pentium 100-MHz with integrated floating-point unit and 256K level 2 cache
• 8 MB of RAM, expandable to 72 MB on Pentium (8 MB on board, one free
  DIMM slot)

- or -

• 586 Processor 100-MHz with integrated floating-point unit and 128K
  level 2 cache
• 64 MB on 586 PC Compatibility Card (has one DIMM slot which comes with
  one 8 MB DIMM installed)

Disk drives
===========

- Built-in 1.4MB Apple SuperDrive floppy disk drive
  — Accepts high-density floppy disks
  — Reads, writes, and formats Mac OS, Windows, and MS-DOS floppy disks
  — Supports Distributed Media Format (DMF) for floppy disks
- Internal 1.2 GB hard disk
- Internal AppleCD 600i quadruple-speed CD-ROM drive or 8x-speed (depending on configuration)
- Expansion bay for additional 3.5-inch hard disk or other peripheral

Video support
=============
- Features built-in support for one or two displays
- Works with all current Apple displays as well as most third-party VGA and SVGA displays (third-party displays may require separate cable adapter)
- 1 MB VRAM, expandable to 4 MB (for Mac OS)
- 1 MB DRAM (for MS-DOS and Windows)
- Display Resolution with 1 MB Video DRAM:

  640x480   16.7 million colors
  800x600   65,536 colors
  1024x768   256 colors

Interfaces
==========
- Three PCI expansion slots (one dedicated to PC Compatibility Card) compatible with PCI 2.0-compliant cards for Mac OS (Note: These slots are not NuBus compatible.)
- Internal/external SCSI bus for connecting up to six external devices
- Apple Desktop Bus (ADB) port for a keyboard, mouse, and other devices
- 10Base-T and AAUI-15 Ethernet connectors
- Two PC-compatible serial ports routed under software control to text file or to Macintosh RS-422 serial ports
- Serial port for AppleTalk networking (for Mac OS)
- PC game port (DOS and Windows environments)

Networking
==========
- Support for Novell NetWare SPX/IPX, TCP/IP, and NETBEUI protocols in MS-DOS and Windows environments using the built-in Ethernet connector and ODI and NDIS 2.0 drivers (network client software not included)

Sound
=====
- 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
- Mini jacks for stereo audio input and output with 16-bit audio
- Sound Blaster-16-compatible support (for DOS and Windows environment)
- Built-in speaker

*SNR is signal-to-noise ratio; THD+N is total harmonic distortion plus noise.

Keyboard and mouse
==================
- Supports ADB keyboards with numeric keypads
- Includes ADB Mouse II

Clock/calendar
==============
- Custom integrated circuit with long-life battery

Disability access
=================
- CloseView, Easy Access, and ability to substitute visual cue for beep included
with Mac OS. These built-in solutions and third-party options provide
alternative input and output solutions for people with disabilities.

Electrical requirements
=======================
- Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 210 W maximum, not including monitor power

ADB power requirements
======================
- Maximum current draw for all ADB 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: 6.2 in. (15.6 cm)
- Width: 14.4 in. (36.5 cm)
- Depth: 16.9 in. (43.0 cm)
- Weight: 22 lb. (9.97 kg) (varies based on internal devices installed)

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

Article Change History:

28 Oct 1996 - Corrected info.
22 Oct 1996 - Added additional configuration options.
01 Aug 1996 - Added sound info.

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