Power Macintosh 7600/200 Series: Technical Specifications (2/97)

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TOPIC ---

This article contains the technical specifications for the Power Macintosh
7600/200 series computer.

Note: This product is available in Japan ONLY.

DISCUSSION --

Processor
----
* 200-MHz PowerPC 604e microprocessor
* Integrated floating-point unit and 64K cache
* Processor is mounted on a removable card for easy upgrades

Memory
------
* 32 MB of RAM, expandable to 512 MB via 8 DIMM sockets
* 4 MB of ROM
* 256K level 2 cache

Disk drives
----
* Internal 2 GB Fast 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 12x-speed CD-ROM drive
* Expansion bay for additional 3.5-inch hard disk

Interfaces
----
* Composite connectors (RCA phono jacks) for composite video input
* S-video input connector
* Internal digital audio/video (DAV) connector for video
compression/decompression card
* 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 Fast SCSI bus (up to 10 MB/s)
* External SCSI bus (up to 5 MB/s)
* Apple Desktop Bus (ADB) expansion port
* RCA phono jacks for line-level stereo audio input and output
* Mini jacks for stereo audio input and output
* All sound ports support 16-bit audio and up to 44.1-kHz sampling rate
* DB-15 connector for monitor

Video capabilities
----
* Real-time video play through of up to 640 by 480 pixels with NTSC; 768 by 576
pixels with PAL and SECAM
* Up to 320- by 240-pixel capture at 15 frames per second with NTSC
* Maximum capture size of 640 by 480 pixels with NTSC

Graphics support
----
* 2 MB of VRAM, expandable to 4 MB
* Fast 64-bit data path to VRAM
* Support for display resolutions of up to 1,280 by 1,024 pixels
* 24-bit color up to 1,152- by 870-pixel resolution
* Refresh rate of up to 75 Hz

GeoPort telephony
----
* 28.8-Kbps modem support
* V.17 fax support
* GeoPort Fax and GeoPort Telephony software included
* Speaker phone and answering-machine capability

Note: Requires GeoPort Telecom Adapter

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

Keyboard and mouse
----
* Includes keyboard and ADB Mouse II

Electrical requirements and compliance
----
* Line voltage: 100 to 1225/220 to 240 V AC, RMS single phase
* Frequency: 50 to 60 Hz, single phase
* Power: 150 W maximum, not including display 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

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


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