



Power Macintosh 8600/300

Features

High performance

- 300-MHz PowerPC processor
- Integrated Iomega Zip drive
- Built-in floating-point processor and 32K on-chip data and instruction caches
- 1MB Apple Inline Cache (level 2)
- Built-in accelerated graphics card

Communications and multimedia

- 64-bit VRAM graphics subsystem
- Two high-speed serial ports compatible with GeoPort and LocalTalk cables
- 24x-speed CD-ROM drive
- 16-bit stereo audio input and output
- 24-bit composite and S-video input and output

Expandability

- Three industry-standard PCI expansion slots
- SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- Expansion bays for additional storage devices (3.5- or 5.25-inch)

Compatibility

- Includes 10BASE-T and AAUI-15 Ethernet connectors
- Supports Open Transport networking software (TCP/IP and AppleTalk)
- Runs 680x0 Macintosh applications as well as applications accelerated for Power Macintosh computers
- Reads Mac OS, Windows, MS-DOS, OS/2, and ProDOS floppy disk formats
- Runs MS-DOS and Windows applications via optional PC Compatibility Card from Apple
- Comes with all of the software required for Internet access

Mac OS 7.6.1 system software

- Makes working with different applications consistent, so they're easier to learn and use
- Allows easy customization of your Macintosh to reflect the way you work
- Provides active assistance in learning new features with Apple Guide
- Includes MacLinkPlus file translation software from DataViz

If your profession demands a high-performance, expandable computer, look to the Power Macintosh 8600/300. This powerful computer is optimized for work on a variety of media (audio, video, or graphics) tasks.

Featuring a 300-megahertz PowerPC processor, the Power Macintosh 8600/300 offers outstanding performance. The new 1MB Apple Inline Cache on the processor card provides direct access to the level 2 cache at 100 megahertz—a first for the Power Macintosh line. And the tower design provides incredibly easy access to the computers' components, as well as accommodating a built-in Iomega Zip drive.

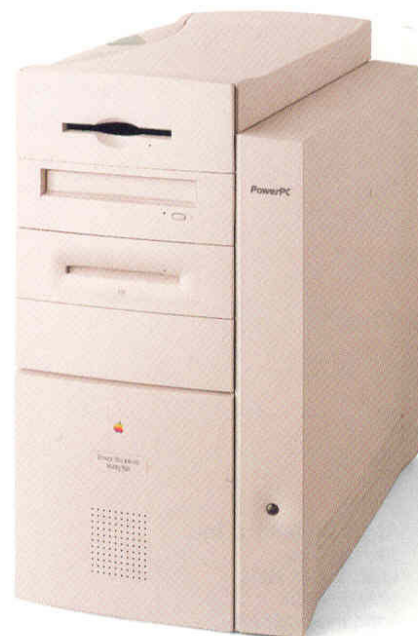
Built-in near-broadcast-quality video-input/output capabilities, a fast hard disk drive, and a 24x-speed CD-ROM drive add vitality to professional projects and—with Apple's QuickTime software—make media authoring on a Power Macintosh 8600/300 computer simple. Networking is also a simple matter on this computer, because it includes both Ethernet (AAUI-15 and 10BASE-T) and LocalTalk ports. It even comes with all the software you need to access the Internet.

The three industry-standard Peripheral Component Interconnect (PCI) high-performance expansion slots on the Power Macintosh 8600/300 lets you easily customize

the system to meet your needs more precisely. For example, if you want to run MS-DOS and Windows applications as well as software written for the Macintosh, you can install a PC Compatibility Card from Apple—and switch instantly between computing environments.

In fact, the Power Macintosh 8600/300 gives you yet another system software option. Although it comes with Mac OS 7.6.1 installed, Apple will also provide Mac OS 8 on CD-ROM, so you can upgrade when you're ready. Mac OS 8 is the latest, greatest version of the popular Macintosh system software, providing significant performance enhancements, integrated Internet capabilities, and state-of-the-art multimedia designed to increase not only your productivity but also your enjoyment.

The Power Macintosh 8600/300: Exceptional performance for media authoring—or any work with video, audio, or graphics—to enhance your creativity.





Power Macintosh 8600/300

Ordering Information

Power Macintosh 8600/300

Order No. M6092LL/A

- Power Macintosh 8600/300 computer with 32MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 4GB hard disk drive, an internal 24x-speed CD-ROM drive, an internal Iomega Zip drive, and a PlainTalk microphone. Includes keyboard and mouse; Mac OS 7.6.1 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

PC Compatibility Card (with Pentium 166-MHz processor)

Order No. M5782LL/A

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

Technical Specifications

Processor

- 300-MHz 604e PowerPC microprocessor
- Integrated floating-point unit, 32K on-chip data and instruction caches
- 1MB Apple Inline Cache (level 2) on processor card

Memory

- 32MB of RAM, supports up to 512MB via 8 DIMM sockets
- 4MB of ROM

Disk drives

- Internal 4GB Fast SCSI hard disk
- Internal Apple SuperDrive floppy disk drive
- Accepts high-density 1.4MB disks and 800K disks
- Reads, writes, and formats Mac OS, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 24x-speed CD-ROM drive
- Integrated Iomega Zip drive for fast, easy storage or backup
- Expansion bays for additional storage devices—four 5.25-inch removable bays, three internal bays (open bays vary with configuration)

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 Card provides multinode support for simultaneous network connections
- Internal Fast SCSI bus (up to 10MB/s)
- External SCSI bus (up to 5MB/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
- Composite connectors (RCA phono jacks) for composite video input and output
- S-video input and output connectors
- Internal digital audio/video (DAV) connector for video compression/decompression cards

Video capabilities

- 24-bit video input
- Real-time video playthrough 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 25 frames per second with NTSC

- Maximum capture size of 640 by 480 pixels with NTSC
- 24-bit video output
- Support for NTSC and PAL
- Convolution for flicker reduction at all bit depths

Graphics support

- 2MB of VRAM, supports up to 4MB
- Fast 64-bit data path to VRAM
- Support for display formats 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-Kbit/s modem support
- V.17 fax support
- GeoPort Fax and GeoPort Telephony software included
- Speakerphone and answering-machine capability

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 125/200 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 300 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

- Height: 17.3 in. (44.0 cm)
- Width: 9.7 in. (24.6 cm)
- Depth: 17.3 in. (44.0 cm)
- Weight: 35.0 lb. (15.9 kg)**

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)

*Requires GeoPort Telecom Adapter.

**May differ based on configuration.

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