



Power Macintosh 5400/180 for Education

Features

High performance

- PowerPC 603e processor running at 180 MHz
- 16MB of RAM
- 1.2GB hard disk drive

Multimedia

- Multiple-scan 15-inch color display (12.8-inch diagonal viewable image size)
- Built-in tray-loading CD-ROM drive
- CD-quality digital sound with SRS 3-D surround sound
- Front-panel volume control and headphone/speaker jack

Connectivity and expandability

- Optional Ethernet network connectivity
- PCI expansion slot
- SCSI interface
- Two serial ports

Features built into every Power Macintosh

Fast, easy setup

- Simple to set up and learn; your system is ready to go the first time you turn it on

Mac OS 7.6.1 system software

- Apple Guide software for step-by-step help with basic system operation
- QuickTime multimedia software
- Macintosh PC Exchange software
- Free upgrade to Mac OS 8.0 for systems purchased after June 22, 1997 (U.S. \$9.95 charge for shipping and handling)

Communications

- GeoPort- and LocalTalk-compatible serial ports
- Built-in AppleTalk networking
- File sharing without a dedicated server

With its state-of-the-art RISC-based processor and advanced multimedia capability, the Apple Power Macintosh 5400/180 computer is ready to help you learn, create, and communicate.

The computer features a 180-megahertz PowerPC 603e processor. There's plenty of power to let you run an abundance of Macintosh applications—and there's plenty of room to store them on the 1.2-gigabyte internal hard disk drive.

The Power Macintosh 5400/180 has features that are expensive add-ons with other computers, including a CD-ROM drive for multimedia applications and a 15-inch monitor (12.8-inch diagonal viewable image size) to display vibrant colors. There's also a built-in microphone to directly record your own sounds.

Multimedia audio is made lifelike through the built-in stereo speakers enhanced by SRS 3-D surround sound and the Macintosh 16-bit stereo sound system.

If you need compatibility with MS-DOS or Windows-software-based computers, you'll be able to share floppy disks and files easily by using Macintosh PC Exchange and Macintosh Easy Open software (both included).

If you need more capabilities in the future, expansion is easy through the industry-standard Peripheral Component Interconnect (PCI) slot and built-in SCSI support.

The Power Macintosh 5400/180: Performance and convenience for learning, creating, and communicating.





Power Macintosh 5400/180

for Education

Ordering Information

Power Macintosh 5400/180

Order No. M5686LL/B
Computer with 180-MHz PowerPC 603e, built-in multiple-scan 15-in. display (12.8-in. diagonal viewable image size), 16MB RAM, 1.2GB hard disk, 8x-speed (maximum) CD-ROM drive, and floppy disk drive. Mouse, keyboard, and cables also included.

Optional enhancements

256K level 2 cache

Order No. M4505LL/A

Apple Video System (Video Input)

Order No. M2894LL/D

Apple TV/FM Radio System

Order No. M4586LL/A
(Requires the Apple Video System)

Avid Cinema Video Editing System

Order No. M4561LL/B
(Requires the Apple Video System)

Apple 10BASE-2 (Thin Coax)

Ethernet Card
Order No. M4773ZM/A

Apple 10BASE-T (Twisted Pair)

Ethernet Card
Order No. M4772ZM/A

Apple AAUI (Generic) Ethernet Card

Order No. M4774ZM/A

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

Technical Specifications

Microprocessor

- PowerPC 603e processor running at 180 MHz
- 32K internal cache
- Integrated floating-point unit
- 64-bit memory bus
- Optional 256K level 2 cache

Memory

- Supports 16MB of RAM
- Will support up to 136MB using two 64MB DIMM slots

Disk drives

- Internal 1.2GB hard disk drive
- Internal 1.4MB Apple SuperDrive floppy disk that reads, writes, and formats Mac OS, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 8x-speed (maximum) CD-ROM drive

Display

Built-in display

- 15-in. RGB color display (12.8-in. diagonal viewable image size)
- 0.28-mm dot pitch
- Noninterlaced, flat, square cathode-ray tube (CRT)
- User-adjustable resolutions from 640 by 480 pixels to 832 by 624 pixels
- Resolution can be changed without restarting the computer
- Refresh rate up to 75 Hz
- Built-in base tilts from -5° to $+15^{\circ}$, swivels a full 360°
- Meets SWEDAC MPR 2 international guidelines for magnetic-field emissions

Display support

- 16-bit color for display of up to 32,768 colors at 640- by 480-pixel or 800- by 600-pixel resolution
- 8-bit color for display of 256 colors at 832- by 624-pixel resolution
- 1MB video frame buffer (independent of system RAM)

Sound

- Stereo 16-bit sound
- Apple sound enhancements, including SRS 3-D surround sound
- Built-in stereo speakers
- Built-in microphone
- Sound-output port
- Sound-input port
- Front headphone jack and volume control

Interfaces

- PCI expansion slot for industry-standard 6.88-in., 15-watt expansion cards
- Apple Desktop Bus port for mouse, keyboard, and other devices (multiple devices can be connected to each other from one port)
- Two RS-232/RS-422 serial ports for an AppleTalk network connection, other networking connections, communications equipment (including GeoPort-compatible devices), or a printer
- SCSI interface port for as many as six external SCSI devices, such as disk drives and/or CD-ROM drives
- Communications slot (used to add Ethernet)
- Bay for Apple TV/FM Radio System
- Video slot (used by the Apple Video System to connect a VCR, video camera, or other video equipment; supports both composite and S-video input)
- Optional video-output port (requires Apple External Video Connector) for connection to an external monitor for video mirroring (also supports connection to an NTSC or PAL video-out interface box, such as the Apple Presentation System)

Disability access

- CloseView software magnifies screen image up to 16 times
- Easy Access software permits combination keys to be pressed sequentially and enables cursor control from the numeric keypad instead of the mouse
- "Visual beep" replaces audible system alerts

Electrical requirements and compliance

- Line voltage: 90 to 264 V AC, RMS, single phase, nominal
- Frequency: 47 to 63 Hz
- Power: 220 W maximum (continuous)
- Includes low-power sleep mode
- U.S. EPA Energy Star compliant

Size and weight

- Height: 17.5 in. (44.5 cm)
- Width: 15.1 in. (38.3 cm)
- Depth: 16.0 in. (40.6 cm)
- Weight: 47 lb. (21 kg)

Operating environment

- 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)

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