Power Macintosh 6100/60 and Power Macintosh 6100/60AV

Power and speed
- 60–MHz PowerPC 601 microprocessor with floating–point processor and 32K cache

Memory
- 8MB of RAM, expandable to 72MB

Video support
- DRAM display support
- 2MB of VRAM for second display support (6100/60AV only)
- Support for NTSC and PAL input and output (6100/60AV only)

Expansion
- Eight built–in ports to support a wide range of peripherals (6100/60AV has eleven)
- Slot for processor–direct or NuBus expansion card (6100/60 only)
- Optional internal CD–ROM drive
- On–board Ethernet (AAUI)

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

System 7 software
- PC Exchange for reading and writing MS–DOS and Windows disks
- AppleScript for scripting in and between Macintosh applications
- QuickTime for working with video and sound as easily as text and graphics
- TrueType fonts for outstanding results on the screen and the page

Compatibility
- Runs Macintosh applications
- Runs MS–DOS and Windows applications (special configurations only)
- Reads Macintosh, Windows, MS–DOS, OS/2, and ProDOS floppy disk formats

Communications
- GeoPort– and LocalTalk–compatible serial ports
- 16–bit stereo audio input and output
- Built–in AppleTalk networking
- Built–in Ethernet networking
- File sharing without a dedicated server

The Power Macintosh 6100/60 and Power Macintosh 6100/60AV are the most affordable members of the new high–performance line of Macintosh computers that use the revolutionary PowerPC chip technology. With this technology, they deliver the performance that business and education users demand while maintaining the legendary Macintosh ease of use and the ability to run virtually all existing Macintosh applications.

In addition, Power Macintosh computers run applications written to take advantage of Power Macintosh capabilities at two to six times the speed of previous Macintosh computers based on the 040 chip. Both computers also support MS–DOS and Windows applications when using SoftWindows software.
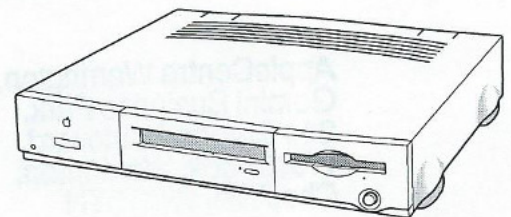
Based on the 60–megahertz PowerPC 601 microprocessor co–developed by Apple, IBM, and Motorola, the Power Macintosh 6100/60 and 6100/60AV both have built–in, floating–point math coprocessors and come with 8 megabytes of RAM, expandable to up to 72 megabytes. They also provide on–board high–speed Ethernet support.

Both computers support most Apple and third–party displays, including monochrome, color, VGA, and SVGA. The 6100/60AV supports 32,000 colors on all Apple displays and also supports NTSC and PAL monitors.

Both computers can easily be expanded. The Power Macintosh 6100/60 has eight built–in ports and one expansion slot. The Power Macintosh 6100/60AV has eleven built–in ports and supports a second simultaneous display.

Support for GeoPort telecommunications (integrating your phone and your computer), speech–recognition, and text–to–speech capabilities is built into both computers. The 6100/60AV adds S–video and composite video input as well as output for use with televisions, video cameras, and video recorders.

The Power Macintosh 6100/60 and Power Macintosh 6100/60AV provide an affordable gateway to Power Macintosh technology, and the future of personal computing.

AppleCentre Warrington,
Gemini Business Park,
244 Europa Boulevard,
Westbrook, Warrington,
Cheshire. WA5 5TN

Power Macintosh 6100/60 and Power Macintosh 6100/60AV

Ordering Information

Power Macintosh 6100/60*
- Power Macintosh 6100/60 computer with 8MB of RAM, built-in 1.4MB Apple SuperDrive, internal 160MB hard disk drive and Power Macintosh Display Adapter: Order No. M2196LL/A
- With 8MB of RAM, 160MB hard disk, and internal CD-ROM drive: Order No. M2197LL/A
- With 8MB of RAM, 250MB hard disk, and internal CD-ROM drive: Order No. M1878LL/A
- With 16MB of RAM, 250MB hard disk, and SoftWindows software: Order No. M3078LL/A

Power Macintosh 6100/60av*
- Power Macintosh 6100/60av computer with 8MB of RAM, 2MB of VRAM, built-in 1.4MB Apple SuperDrive, internal 250MB hard disk, internal CD-ROM drive, and two S-video to composite video adapters: Order No. M2738LL/A
- With 16MB of RAM, 250MB hard disk, and internal CD-ROM drive: Order No. M2837LL/A

Power Macintosh 256K Cache Card
Order No. M2385LL/A

Power Macintosh 6100/60 NuBus Adapter Card
Order No. M2337LL/A

Power Macintosh Display Adapter
Order No. M2681LL/A

Power Macintosh GeoPort Telecom Adapter
Order No. M3127LL/A

PlainTalk for Power Macintosh
Order No. M2844LL/A

Macintosh Memory Expansion Kits**
- 4MB (1-4MB SIMM) Order No. M1507LL/A
- 8MB (1-8MB SIMM) Order No. M1508LL/A
- 16MB (2-8MB SIMMs) Order No. M2838LL/A
- 32MB (2-16MB SIMMs) Order No. M2839LL/A

All configurations include mouse; system software version 7; complete setup, learning, and reference documentation; as well as a limited warranty.
*
**SIMMs must be installed in pairs by an authorized service provider.*

Technical Specifications

Microprocessor
- PowerPC 601 RISC running at 60 MHz
- Integrated floating-point unit and 32K cache

Memory
- Comes with 8MB or 16MB of RAM
- Can be expanded to up to 72MB of RAM

Disk drives
- One built-in Apple SuperDrive 1.4MB floppy disk drive that uses high-density floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- One internal hard disk (160MB and 250MB options available)
- Accommodates one 5.25-in., half-height device, such as the AppleCD 300i Plus CD-ROM drive

Displays
- Most Apple displays (see chart below)
- Most third-party displays as well as NTSC, PAL, VGA, and SVGA monitors

Video support
- DRAM display support
- 2MB of VRAM for second display support (6100/60AV only)

Color Depth Support
6100/60 & 6100/60AV DRAM Video
- 14-inch monitor
  - 32,768 colors
- 16- and 17-inch
  - 256 colors
- 20- and 21-inch
  - not supported

6100/60 2MB VRAM Video
- 14-inch monitor
  - 16.7 million colors
- 16- and 17-inch
  - 16.7 million colors
- 20- and 21-inch
  - 32,768 colors

Interfaces
- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other device
- AAUI-15 Ethernet connector
- High-density display port supports Apple AudioVision monitors directly and supports other displays via a Power Macintosh Display Adapter (included with the 6100/60 only)
- Two LocalTalk- and GeoPort-compatible DMA serial (RS-232/RS-422) ports
- High-speed asynchronous SCSI interface connects up to six SCSI external devices
- 16-bit stereo sound input and output ports
- 6100/60 only: Internal expansion slot for processor-direct or 7-in. NuBus expansion card (requires adapter)
- 6100/60AV only: DB-15 video port for display support
- 6100/60AV only: S-video input and output ports

Networking
- Built-in Ethernet
- Two serial ports for LocalTalk

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

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

Disability access
- Easy Access and visible beep included with system software. These built-in solutions and third-party options provide alternative input and output devices for people with disabilities.

Electrical requirements
- Line voltage: 100 to 240 VAC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 210 W maximum, not including display

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 model used)

Size and weight
- Height: 3.4 in. (8.5 cm)
- Width: 16.3 in. (41.5 cm)
- Depth: 15.6 in. (399.7 cm)
- Weight: 14.0 lbs. (6.4 kg) (varies based on internal devices installed)

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)