Technical Information

Specifications for the Power Macintosh 6200/75

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Main unit

Processor

- PowerPC™ 603 processor @ 75 megahertz (MHz) clock frequency

Memory

- 8 megabytes (MB) minimum of dynamic random-access memory (DRAM) installed in one 72-pin DRAM SIMM socket
- A second 72-pin DRAM SIMM socket; RAM can be expanded to 64 MB (80 nanoseconds)
- 4 MB of read-only memory (ROM)
- 256K Level 2 cache memory on 64-bit PowerPC bus
- 1 MB DRAM frame buffer on board (for video support)

WARNING To avoid damage to your computer, Apple recommends that only an Apple-certified technician install additional RAM. Consult the service and support information that came with your Apple product for instructions on how to contact an Apple-authorized service provider or Apple for service. If you attempt to install additional RAM yourself, any damage you may cause to your equipment will not be covered by the limited warranty on your computer. See an Apple-authorized dealer or service provider for additional information about this or any other warranty question.

Disk drives

- Apple SuperDrive 1.4 MB with auto-eject

- Internal IDE hard disk drive (several capacities available)

- Optional internal CD-ROM player

- A combination of up to seven internal and external SCSI devices can be used

Video modes

- 512 x 384 resolution with 16-bit color

- 640 x 480 resolution with 16-bit color

- 800 x 600 resolution with 8-bit color

- 832 x 624 resolution with 8-bit color (does not support video input)

Compatible monitors

- All 12", 13", and 14" Apple Macintosh monitors

- The 15" Apple Macintosh multiple synchronous monitor

- The 16", 17", and 20" Apple Macintosh multiple synchronous monitors

The computer is strong enough for you to place on top of it any of the monitors that are 15" or smaller.

Sound

- 8-bit monophonic sound input

- 8-bit stereophonic sound output (16-bit CD stereophonic playback)

- Sound input port for optional microphone or line input

- Two sound output ports, level nominally 0.5 volts RMS into 39 ohms

- Internal speaker, muted whenever a plug is inserted into either sound output port

Clock/calendar

- CMOS custom chip with battery

Keyboard

- Supports all Apple Desktop Bus (ADB) keyboards

Additional interfaces

- ADB port for keyboard, mouse, and other input devices using a low-speed, synchronous serial bus
- Two serial ports for printers, modems, and other serial devices
- Monitor port (DB-15 connector)
- High-performance SCSI port for a chain of up to seven hard disk drives, scanners, printers, and other devices
- LC-compatible 68030 processor-direct slot (96/114-pin)
- Communication slot for optional internal modem or Ethernet card (112-pin)
- Video-in slot for optional expansion card providing real-time video display, video capture, and overlay (60-pin)
- Port for optional internal TV tuner card

Additional features

- Support for optional infrared remote control
- Front panel push-button controls for volume
- Front panel stereo headphone jack
- Power on and off from keyboard and optional remote control

Laser (in optional CD-ROM drive)

- Semiconductor GaAlAs type
- 790 +/– 25 nanometers wavelength
- 0.2–0.6 milliwatts output
- 55° beam divergence

Environment

Operating temperature

- 10° C to 40° C (50° F to 104° F)

Storage temperature

- –40° C to 47° C (–40° F to 116.6° F)

Relative humidity

- 5% to 95% noncondensing

Altitude

- Works below 3048 m (10,000 ft.)

Weight

- 7.7 kg (17 lb.) without CD-ROM player
- 8.6 kg (19 lb.) with CD-ROM player

Note: The weight varies depending on the options you purchase.

Dimensions

- 320 mm x 419.5 mm x 109.5 mm (12.6" x 16.5" x 4.3")

Apple Desktop Bus power requirements

- Maximum current draw for all ADB devices is 500 milliamperes (mA)
- Mouse draws up to 10 mA
- Keyboard draws 25–80 mA (varies with model)

Note: The maximum number of ADB devices recommended in a daisy chain connected to the ADB port is three.

AC line input

- Line voltage: 100–240 volts AC, RMS, single phase, nominal
- Frequency: 50–60 hertz
- Power consumption: 55 watts maximum, not including monitor