Features

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

Memory
- 8MB of RAM, expandable to 136MB

Video support
- DRAM display support
- 1MB of VRAM for second display support, expandable to 2MB (7100/66 only)
- 2MB of VRAM for second display including NTSC or PAL monitors (7100/66AV only)

Expansion
- Nine built-in ports to support a wide range of peripherals (7100/66AV has eleven)
- Three NuBus™ slots for expansion cards
- 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 (with SoftWindows software)
- Reads Macintosh, Windows, MS-DOS and OS/2 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

* PlainTalk™ is only currently available for North American English

The Power Macintosh™ 7100/66 and Power Macintosh 7100/66AV are the expandable, mainstream members of the new high performance line of Macintosh™ computers based on PowerPC chip technology. They're built with the speed, expandability and networking capabilities that business people require for word processing, desktop publishing and working with complex spreadsheets and databases.

Although they use fast new technology, these computers run virtually all existing Macintosh applications. In addition, Power Macintosh computers run applications written for Power Macintosh at two to six times the speed of previous Macintosh computers. The 7100/66 and 7100/66AV can run 10 to 25 percent faster than the Power Macintosh 6100/60 computer. Both computers can also run MS-DOS and Windows applications using SoftWindows® software.

Based on the 66 megahertz PowerPC 601 microprocessor codeveloped by Apple, IBM and Motorola, the Power Macintosh 7100/66 and 7100/66AV both have built-in, floating point maths processors.

They also provide built-in, high speed Ethernet networking.

Both computers support all Apple and most third party displays, including monochrome, colour, VGA and SVGA. Support for up to 32,000 colours on Apple colour displays (up to 16 or 17 inch) is included with the 7100/66. The 7100/66AV (and the 7100/66 with the addition of 1 megabyte of VRAM) supports display of more than 16 million colours.

Both computers feature easy expandability via three NuBus slots and you can run two simultaneous displays with each.

GeoPort™ telecommunications capabilities are built in and both feature speech recognition and text to speech capabilities*. The 7100/66AV adds S-video and composite video input as well as output for use with televisions, video cameras and video recorders.

For high performance and expandability in a platform that's built for the future, the Power Macintosh 7100/66 and Power Macintosh 7100/66AV are designed to meet all your needs.

Power Macintosh 7100/66 and 7100/66AV

Ordering Information

Power Macintosh 7100/66*
- Power Macintosh 7100/66 computer with 8MB of RAM, 1MB of VRAM, built-in 1.4MB Apple SuperDrive™ and internal 250MB hard disk
- With 8MB of RAM, 250MB hard disk and internal CD-ROM drive

Power Macintosh 7100/66AV*
- Power Macintosh 7100/66AV computer with 8MB of RAM, 2MB of VRAM, built-in 1.4MB Apple SuperDrive, internal 500MB hard disk drive, internal CD-ROM drive and two S-video to composite video adaptors

Power Macintosh 7100/66 1MB VRAM Upgrade Kit

Power Macintosh 256K Cache Card

Power Macintosh Display Adaptor

Power Macintosh GeoPort Telecom Adaptor

PlainTalk for Power Macintosh

Macintosh Memory Expansion Kits**
- 4MB (1-4MB SIMM)
- 8MB (1-8MB SIMM)
- 16MB (2-8MB SIMMs)
- 32MB (2-16MB SIMMs)

All configurations include mouse; system software version 7; complete set-up, 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 CPU running at 66 MHz
- Integrated floating point unit and 32K cache

Memory
- Comes with 8MB of RAM
- Can be expanded up to 136MB of RAM (DRAM kits must be installed in pairs; dealer installation required)

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 and OS/2 disks
- One internal hard disk (250MB and 500MB options available)
- Accommodates one 5.25 inch, half height device, such as the AppleCD 300i Plus CD-ROM drive

Displays
- All Apple displays
- Third party displays including NTSC, PAL, VGA and SVGA monitors

Video support
- DRAM display support
- 7100/66: 1MB of VRAM, expandable to 2MB
- 7100/66AV: 2MB of VRAM

Interfaces
- Three internal NuBus expansion slots
- 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 the optional Power Macintosh Display Adaptor
- 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
- DB-15 video port for display support
- 7100/66AV only: S-video input and output ports
- 7100/66AV only: digital-audio video connector (DAV)

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

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

Clock/calendar
- Customised 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 volts AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 325 watts 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: 15.2 cm (6.0 inches)
- Width: 33.0 cm (13.0 inches)
- Depth: 41.9 cm (16.5 inches)
- Weight: 11.3 kg (25 lbs) (varies based on internal devices installed)

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

Colour Depth Support

Apple display size	7100/66 7100/66AV DRAM Video	7100/66 1MB VRAM	7100/66* 7100/66AV 2MB VRAM
14 inch	32,768 colours	32,768 colours	16.7 million colours
16 and 17 inch	256 colours	32,768 colours	16.7 million colours
20 and 21 inch	not supported	256 colours	32,768 colours

*With 1MB VRAM upgrade