



# Power Macintosh 7100/66 and Power Macintosh 7100/66AV

## Features

### Power and speed

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

### Memory

- 8MB or 16MB 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 (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 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. And 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.

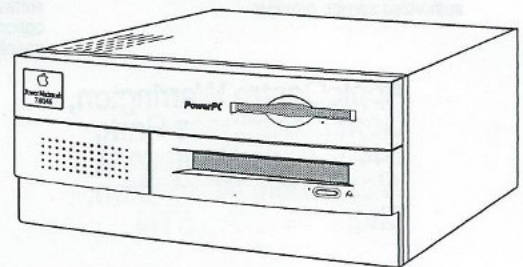
Based on the 66-megahertz PowerPC 601 microprocessor codeveloped by Apple, IBM, and Motorola, the Power Macintosh 7100/66 and 7100/66AV both have built-in, floating-point math coprocessors. They also provide built-in, high-speed Ethernet networking.

Both computers support all Apple and most third-party displays, including monochrome, color, VGA, and SVGA. Support for up to 32,000 colors on Apple color 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 colors.

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

GeoPort telecommunications capabilities can integrate both computers with your phone, 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 your needs.



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# Power Macintosh 7100/66 and Power Macintosh 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:  
Order No. M2464LL/A
- With 8MB of RAM, 250MB hard disk, and internal CD-ROM drive:  
Order No. M2465LL/A
- With 16MB of RAM, 250MB hard disk, and SoftWindows software:  
Order No. M3077LL/A

### 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 adapters: Order No. M2467LL/A
- With 16MB of RAM, 250MB hard disk, and internal CD-ROM drive:  
Order No. M2835LL/A
- With 16MB of RAM, 500MB hard disk, and internal CD-ROM drive:  
Order No. M2836LL/A

### Power Macintosh 7100/66 1MB VRAM Upgrade Kit

Order No. M5953LL/A

### Power Macintosh 256K Cache Card

Order No. M2385LL/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 66 MHz
- Integrated floating-point unit and 32K cache

### Memory

- Comes with 8MB or 16MB of RAM
- Can be expanded to 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, OS/2, and ProDOS disks
- One internal hard disk (250MB and 500MB options available)
- Accommodates one 5.25-in., 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 Adapter
- 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

- 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: 325 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 model used)

## Size and weight

- Height: 6.0 in. (15.2 cm)
- Width: 13.0 in. (33.0 cm)
- Depth: 16.5 in. (41.9 cm)
- Weight: 25 lbs. (11.3 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)

## Color Depth Support

### 7100/66 & 7100/66AV DRAM Video

- 14-inch monitor
- 32,768 colors
- 16- and 17-inch
- 256 colors
- 20- and 21-inch
- not supported

### 7100/66 1MB VRAM

- 14-inch monitor
- 16.7 million colors
- 16- and 17-inch
- 32,768 colors
- 20- and 21-inch
- 256 colors

### 7100/66\* & 7100/66AV 2MB VRAM

- 14-inch monitor
- 16.7 million colors
- 16- and 17-inch
- 16.7 million colors
- 20- and 21-inch
- 32,768 colors

\*1With 2MB VRAM upgrade

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