



# Power Macintosh 7300/180 PC Compatible

## Features

### High performance

- Power Macintosh
- 180-MHz PowerPC 604e processor with built-in floating-point unit (FPU) and 64K internal cache; 256K level 2 cache
- 32MB of RAM, expandable to 512MB
- PC Compatibility Card
- 166-MHz Pentium processor with built-in FPU and internal cache; 256K level 2 cache
- 16MB of local RAM, expandable to 80MB

### Outstanding compatibility

- Runs MS-DOS and Windows applications (Windows 3.1, Windows for Workgroups 3.11, and Windows 95) via preinstalled PC Compatibility Card from Apple; Windows 95 software preinstalled
- Reads Mac OS, Windows, MS-DOS, OS/2, and ProDOS floppy disk formats
- Supports single-keystroke switching between the Mac OS, MS-DOS, and Windows
- Lets you copy and paste between Mac OS and Windows environments
- Works with all current Apple displays, and many third-party VGA and SVGA displays
- Prints from MS-DOS and Windows with a Mac OS-compatible printer (for best performance, we recommend that you use an Adobe PostScript printer)

### Versatile communications

- Provides 10BASE-T and AAUI-15 Ethernet ports
- Supports Apple's Open Transport networking software (TCP/IP and AppleTalk), as well as Novell NetWare IPX/SPX, TCP/IP, and NETBEUI protocols (via preinstalled PC Compatibility Card)
- Offers two high-speed serial ports

### Advanced multimedia

- Features a 12x-speed CD-ROM drive
- Provides a 64-bit VRAM subsystem
- Offers 16-bit stereo audio input and output
- Supports Sound Blaster 16 stereo sound output for MS-DOS and Windows PC multimedia compatibility
- Includes a PC game port

### Expandability

- Comes with three industry-standard PCI expansion slots (one is dedicated to PC Compatibility Card)
- Includes a SCSI connector for hard disks, CD-ROM drives, and other SCSI devices
- Provides one internal expansion bay for an additional 3.5-inch storage device

The Apple Power Macintosh 7300/180 PC Compatible is a powerful, upgradable system that offers a special plus: an extraordinary level of compatibility. Whether you're a business professional or educator who needs the flexibility of working in multiple computing environments, or simply someone who wants an easy-to-use, yet high-performance Macintosh computer that gives you access to a virtually unmatched range of applications, this is the system for you.

Right out of the box, the Power Macintosh 7300/180 PC Compatible gives you the freedom to do almost anything you might want to do with a computer. This powerful dual-processor system features both a 180-megahertz PowerPC 604e RISC processor and a Pentium 166-megahertz processor (located on the preinstalled PC Compatibility Card from Apple). It comes with Mac OS and Windows 95 system software, so you can choose from among the thousands of programs available for the Mac OS, MS-DOS, and Windows (Windows 3.1, Windows for Workgroups 3.11, and Windows 95). You can switch instantly between computing environments using only

a single keystroke—and even connect two displays for flexible viewing options.

The Power Macintosh 7300/180 PC Compatible connects easily to a wide variety of peripherals, and supports all the most popular networking protocols for both the Mac OS and Windows worlds through its built-in Ethernet connectors (10BASE-T and AAUI-15). And if you're interested in multimedia, you'll be glad to know that the Power Macintosh 7300/180 PC Compatible features a 12x-speed CD-ROM drive.

You'll also appreciate that the Power Macintosh 7300/180 PC Compatible offers a variety of enhancement options and support for an additional internal hard disk. And its three Peripheral Component Interconnect (PCI) slots (one of which is dedicated to the PC Compatibility Card) make it simple, not to mention economical, to customize the system to meet your needs more precisely.

So if you want power and compatibility today—and room to grow tomorrow—the Power Macintosh 7300/180 PC Compatible is an ideal solution.





# Power Macintosh 7300/180 PC Compatible

## Ordering Information

### Power Macintosh 7300/180 PC Compatible

Order No. M5811LL/A

- Power Macintosh 7300/180 PC Compatible computer with 32MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB hard disk drive, and an internal 12x-speed CD-ROM drive. Includes keyboard and mouse; system software version 7.5.3 or later; Windows 95; QuickTime for Mac OS and Windows; ATI Software MPEG driver video player; complete setup, learning, and reference documentation; and limited warranty.

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

## Technical Specifications

### Microprocessors

- 180-MHz PowerPC 604e processor with built-in floating-point unit (FPU) and 64K internal cache
- 166-MHz Pentium processor with built-in FPU and 32K internal cache

### Memory

- Power Macintosh: 32MB of RAM, expandable to 512MB; 4MB of ROM
  - Standard 256K level 2 cache
- PC Compatibility Card: 16MB of local RAM, expandable to 80MB
  - Standard 256K level 2 cache

### Storage

- Internal Apple SuperDrive floppy disk drive
  - Accepts high-density 1.4MB disks and 800K disks
  - Reads, writes, and formats Mac OS, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 2GB SCSI hard disk
- Internal 12x-speed CD-ROM drive
- Support for one additional 3.5-in. storage device

### Video/Graphics support

- Works with all current Apple displays as well as with many third-party VGA and SVGA displays

### Power Macintosh

- 2MB of VRAM, expandable to 4MB
- 64-bit data path to VRAM
- DB-15 connector
- Maximum resolution: 1,280 by 1,024 pixels
- 24-bit color at resolutions up to 1,024 by 768 pixels
- Refresh rates up to 75 Hz

### PC Compatibility Card

- 2MB of accelerated video DRAM using the ATI mach64 chipset
- Separate DB-15 connector providing concurrent video support on two monitors
- Maximum resolution: 1,280 by 1,024 pixels
- 24-bit color at resolutions up to 800 by 600 pixels
- Refresh rates up to 120 Hz

### Interfaces

- Three PCI expansion slots (one dedicated to PC Compatibility Card) compatible with PCI 2.0-compliant cards
- Two high-speed DMA serial (RS-232/RS-422) ports
- Internal FAST SCSI bus (up to 10MB/s)
- External standard SCSI bus (up to 5MB/s)
- Apple Desktop Bus (ADB) port
- PC game port

### Networking

- 10BASE-T and AAUI-15 Ethernet ports
- Support for Novell NetWare SPX/IPX, TCP/IP, and NETBEUI protocols in MS-DOS and Windows environments using the built-in Ethernet connector and ODI and NDIS 2.0 drivers (client software not included)
- Preinstalled PC Compatibility Card provides multinode support for simultaneous network connections

### Sound

- Mini jacks for stereo audio input and output with 16-bit audio (up to 44.1-kHz sampling rate)
- Sound Blaster 16 sound-output support (for DOS and Windows environments)

Note: PC Compatibility Card does not support microphone or line input.

### Keyboard and mouse

- Includes Apple Design Keyboard and ADB Mouse II

### Clock/calendar

- Custom integrated circuit with long-life battery

### Electrical requirements

- Line voltage: 100 to 125/220 V AC, RMS, single phase
- Frequency: 50 to 60 Hz, single phase
- Power: 150 W maximum, not including display

### PC Compatibility Card electrical requirements

- Power: 21 W maximum
  - 3.3 amps @ 5 V
  - 1 amp @ 3.3 V

### ADB power requirements

- Maximum current draw for all devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard used)

### Size and weight

- Height: 6.15 in. (15.6 cm)
- Width: 14.37 in. (36.5 cm)
- Depth: 16.93 in. (43.0 cm)
- Weight: 22.7 lb. (10.2 kg)

### Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 20% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

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