



# Macintosh PowerBook 190/66

**DISCONTINUED**

## Features

### Innovative new design

- Uses a 66/33-MHz 68LC040 processor
- Provides a 9.5-in. (diagonal), backlit, passive-matrix, gray-scale display with 16 levels of gray
- Includes a high-capacity internal 500MB hard disk drive
- Offers stereo sound output capable of driving headphones or external speakers
- Comes with built-in serial and SCSI ports
- Features an improved Apple trackpad for increased functionality, full-size keyboard and integrated palm rest

### Expandability

- Includes PC Card slots for two Type I or II PC Cards or one Type III PC Card
- Features an expansion bay for third-party solutions, such as a second hard disk drive, magneto-optical drive, or internal AC adapter

### A complete solution

- Includes everything you need to be productive—right out of the box
- Comes with ClarisWorks productivity software
- Comes with eWorld, Apple's on-line service
- Includes the PowerBook Mobility Bundle, software designed to enhance mobile computing
- Comes with System 7.5
- Provides active assistance in learning new features through Apple Guide

### Optional capabilities

- Can be upgraded to provide easy file sharing through infrared technology
- Can be upgraded to include color video-out capabilities

The Macintosh PowerBook 190/66 is the most affordable PowerBook computer, combining the performance of the Motorola 68LC040 processor with the convenience of a compact, lightweight notebook computer. It offers a host of enhanced features, including PC Card slots, an expansion bay, a full-size keyboard, and an improved Apple trackpad for increased functionality.

Featuring an innovative design, the PowerBook 190/66 is both expandable and flexible. It provides an expansion bay for third-party peripherals—the floppy disk drive can be removed and replaced with an additional storage device or an internal AC adapter. Through its PC Card slots, you can add a wired or wireless modem, storage, Ethernet networking, or any of a host of capabilities.

To get you started working right away, the PowerBook 190/66 comes bundled with ClarisWorks integrated productivity software. ClarisWorks combines word processing, spreadsheet, database, graphics, and communications capabilities. In addition, with your PowerBook 190/66, you'll receive eWorld, Apple's on-line service, as well as the PowerBook Mobility Bundle, a preinstalled collection of software that meets the needs of mobile users in the areas of communications, compatibility, power management, security, file transfer, and even entertainment.

So if you want an affordable, highly capable notebook computer that can take you into the future, the PowerBook 190/66 is the perfect choice.





# Macintosh PowerBook 190/66

## Ordering Information

### PowerBook 190/66

Order No. M3530LL/A

- PowerBook 190/66 computer with 4MB of RAM, built-in 1.4MB Apple SuperDrive, and internal 500MB hard disk drive
- Battery and AC adapter
- System software version 7.5.2
- ClarisWorks 4.0 software and documentation
- PowerBook Mobility Bundle
- Complete setup, learning, and reference documentation
- Limited warranty

### PowerBook 190/66

Order No. M3531LL/A

- Same as Order No. M3530LL/A but with 8MB of RAM

### Macintosh PowerBook Infrared Upgrade Kit

Order No. M4071LL/A

### Macintosh PowerBook 8-Bit Color Video-Out Upgrade Kit

Order No. M3743LL/A

### Macintosh PowerBook Power Adapter

Order No. M3747LL/C

### Macintosh PowerBook Rechargeable Lithium-ion Battery

Order No. M3748LL/A

### Macintosh PowerBook 8MB RAM Expansion Card

Order No. M3750LL/A

### PowerBook Video Adapter Cable

Order No. M3927LL/A

### Apple HD-30 SCSI Disk Adapter

Order No. M2539LL/A

### Apple HDI-30 SCSI System Cable

Order No. M2538LL/A

## Technical Specifications

### Microprocessor

- 66/33-MHz Motorola 68LC040

### Memory

- 4MB or 8MB of RAM, expandable to 36MB or 40MB

### Storage

- Built-in removable Apple SuperDrive 1.4MB floppy disk drive, which uses high-density floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 500MB hard disk drive
- Expansion bay for third-party solutions such as an additional hard disk drive or magneto-optical drive

### Display

- 9.5-in. (diagonal) backlit, passive-matrix display
- Resolution: 640 by 480 pixels with 16 levels of gray

### PC Card slots (PCMCIA)

- Two PC Card slots that can accommodate two Type I or II PC Cards or one Type III PC Card
- Lets you add industry-standard PC Cards such as Ethernet networking, a wired or wireless modem, storage, or other capabilities

### Expansion bay

- IDE connector for third-party solutions such as an additional hard drive, a magneto-optical drive, and other devices
- Power lines for connection of an internal AC adapter and other third-party solutions

### Battery

- Nickel-metal-hydride battery provides 3 to 5 hours of use before recharge
- Nickel-metal-hydride battery recharges in 2.5 hours while computer is shut down, in sleep mode, or running
- Optional lithium-ion battery provides 3.5 to 5.5 hours of use before recharge
- PowerBook Control Strip lets you monitor time remaining, charge status, and battery usage

### Ports

- One Apple Desktop Bus (ADB) port
- One serial (RS-422) port
- One SCSI port for connecting as many as six external devices
- One power adapter port
- Stereo sound input port
- Video output port (optional)

### Networking

- Serial/LocalTalk port for AppleTalk connections to networks and printers
- Ethernet networking through PC Cards
- Optional infrared technology allows for ultra-easy file sharing through infrared technology—without cable connections or time-consuming setup; supports AppleTalk protocol

### Built-in stereo sound

- 16-bit, CD-quality stereo sound capable of driving headphones or external speakers
- Built-in speaker and integrated microphone

### Security

- Includes a security slot that secures the system, battery, and expansion bay (requires a third-party accessory)
- Includes password protection software

### Keyboard and improved Apple trackpad

- Built-in, full-size keyboard with 76 (U.S.) or 77 (ISO) keys, including 12 function keys and integrated palm rest
- Power button on keyboard
- Solid-state improved Apple trackpad lets you use the trackpad to select, open or close, and drag without using the trackpad button

### Optional capabilities

- Infrared technology for easy file sharing
- Video-out to support external displays—compatible with most Apple, VGA, and SVGA monitors (Apple 8-bit solution available)

### Disability access

- System software includes CloseView, and Easy Access, and provides the ability to substitute visual cue for beep

### Electrical requirements

- Line voltage: 100 to 220 volts AC
- Frequency: 50 to 60 Hz

### Environmental requirements

- Operating temperature: 41° to 95° F (5° to 35° C)
- Storage temperature: 14° to 140° F (–10° to 60° C)
- Relative humidity: 20% to 80% noncondensing
- Operating altitude: 0 to 10,000 ft. (0 to 3,048 m)
- Maximum storage altitude: 15,000 ft. (4,722 m)

### Size and weight

- Height: 2.0 in. (5.1 cm)
- Width: 11.5 in. (29.2 cm)
- Depth: 8.5 in. (21.6 cm)
- Weight: 6.0 lb. (2.7 kg)

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

Apple Computer, Inc.  
1 Infinite Loop  
Cupertino, CA 95014  
(408) 996-1010  
TLX 171-576

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July 1995. Product specifications are subject to change without notice. Printed in U.S.A.  
L01355A