



# Tech Info Library

## Macintosh PowerBook 190cs/66: Description (9/96)

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TOPIC -----

This article contains a description of the Macintosh PowerBook 190cs/66 computer.

DISCUSSION -----

Overview

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The Macintosh PowerBook 190cs/66 is the most affordable color 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 a 10.4-inch dual-scan color display, PC Card slots, an expansion bay, a full-size keyboard, an improved Apple trackpad for increased functionality, and a number of upgrade options.

Featuring an innovative design, the PowerBook 190cs/66 is both expandable and flexible. It provides an expansion bay for third-party peripherals—the floppy disk drive can be removed and be 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 190cs/66 comes bundled with ClarisWorks integrated productivity software. ClarisWorks combines word processing, spreadsheet, database, graphics, and communications capabilities. In addition, with your PowerBook 190cs/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.

Already a powerful and complete system, the PowerBook 190cs/66 is designed to grow in capabilities as your needs change. If your tasks demand higher performance, you can upgrade your system to PowerPC RISC technology. You can improve the display capability by upgrading to an active-matrix screen (requires PowerPC upgrade). And you can opt to add infrared technology for easy file sharing, as well as color video-out.

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

## Features =====

### Innovative New Design -----

- Uses a 66/33-MHz 68LC040 processor
- Provides a 10.4-in. (diagonal), backlit, dual-scan, color display with 256 colors
- Includes a high-capacity internal 500 MB 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 Upgradability
- Can be upgraded to take advantage of PowerPC processor technology
- Can be upgraded to feature an active-matrix display (requires PowerPC upgrade)
- Can be upgraded to provide easy file sharing through infrared technology
- Can be upgraded to include color video-out capabilities

## Bundled Software =====

The Macintosh PowerBook 190 models ship with Macintosh System Software 7.5.2. Each configuration also comes with the PowerBook Mobility Bundle. The Bundle includes the following components:

### PowerBook Mobility Bundle -----

- PowerTalk 1.0
- Macintosh PC Exchange
- Macintosh Easy Open
- Apple Remote Access
- eWorld
- PowerBook Control Strip
- Floppy Disk Maker
- Disk Image Mounter
- Password Protection Software
- Eric's Ultimate Solitaire Sample
- Spin Doctor
- Super Maze Wars
- PowerBook Demo

#### Other Third-Party Software

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Macintosh PowerBook 190 computers also ship with ClarisWorks 4.0.

#### What's In The Box

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The following components are expected to be included in the box with all Macintosh PowerBook 5300 computers:

- Macintosh PowerBook 190 computer
- Macintosh PowerBook 190 User's Guide
- Macintosh PowerBook 190 Technical Specifications sheet
- ARA Client User's Guide
- ARA Promotion Flyer
- Registration card
- Packing List
- PowerBook eWorld 1.1 Booklet and Insert Card
- Disk Tools diskette
- Power Cord
- AC adapter
- Protective Battery Cap/Cover
- Resource Guide including
  - Warranty
  - Software License Agreements
  - Apple logo decals
  - Citibank VISA Brochure and Application
  - Tote Bag Catalog
- ClarisWorks 4 Manual

#### Ordering Information

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PowerBook 190cs/66 4/500

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- PowerBook 190cs/66 computer with 4 MB of RAM, built-in 1.4 MB Apple SuperDrive, and internal 500 MB hard disk drive, Nickel-Metal-Hydride 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

- Order No. M4072LL/A

PowerBook 190cs/66 8/500 (this configuration was discontinued in 9/96)

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- PowerBook 190cs/66 computer with 8 MB of RAM, built-in 1.4 MB Apple SuperDrive, and internal 500 MB hard disk drive, Nickel-Metal-Hydride 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
  - Order No. M4073LL/A

Macintosh PowerBook Logic Board Upgrade Kit

- 
- Order No. M3881LL/A

Macintosh PowerBook 10.4" Active-Matrix Color Display Upgrade Kit

- 
- Order No. M3746LL/A

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 8 MB 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

Article Change History:

- 11 Sep 1996 - Added discontinued information.
- 05 Oct 1995 - Updated battery information.

25 Aug 1995 - Reviewed for technical accuracy.

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