



Macintosh PowerBook 190cs/66

DISCONTINUED

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 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 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, and an improved Apple trackpad for increased functionality.

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.

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





Macintosh PowerBook 190cs/66

Ordering Information

PowerBook 190cs/66

Order No. M4072LL/A

- PowerBook 190cs/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 190cs/66

Order No. M4073LL/A

- Same as Order No. M4072LL/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
- One expansion bay for third-party solutions such as an additional hard disk drive or magneto-optical drive

Display

- 10.4-in. (diagonal) backlit, dual-scan, color display
- Resolution: 640 by 480 pixels with 256 colors

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 2.5 to 4.5 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 to 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 output 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)
- Lithium-ion battery technology for longer battery life (3 to 5 hours) and reduced weight

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: 2.2 in. (5.3 cm)
- Width: 11.5 in. (29.2 cm)
- Depth: 8.5 in. (21.6 cm)
- Weight: 6.3 lb. (2.9 kg)

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

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