

Macintosh PowerBook 100



The Apple Macintosh PowerBook line of notebook computers represents an outstanding partnership of convenience, power, and affordability.

Macintosh PowerBook 100, the most affordable member of this line, packs both the power and the ease of Macintosh computing into a sleek, innovative design that makes it easy to take your work wherever you go. This complete Macintosh system comes in a single package that fits easily inside a briefcase. And it gives you all the traditional advantages of a Macintosh—including unsurpassed ease of use and the ability to run thousands of applications.

You'll especially appreciate how comfortably you can work with the Macintosh PowerBook 100. Its self-contained trackball and palm rest will allow you to work easily with the computer on your lap or on a

desktop. You can adjust both the bright display and the standard-size keyboard to work in any environment.

The versatility of the Macintosh PowerBook 100 is hard to find in any other notebook computer. Built-in networking capabilities give you instant access to all the resources available in an AppleTalk network—including electronic mail, printers, and file servers. Five built-in ports give you plug-and-play connections to high-capacity hard disks, CD-ROM drives, printers, and input devices. With the external floppy disk drive, you can work with data files stored in Macintosh, MS-DOS, OS/2, and ProDOS formats. With the optional modem, you can send electronic mail, access information on other computers, even connect to your AppleTalk network—plus send documents to facsimile machines anywhere.

Macintosh PowerBook 100 Features

Processor

- > 16 MHz 68HC000 microprocessor

Expansion

- > Five built-in ports for peripherals
- > Internal slots for modem and RAM
- > Optional SCSI disk adapter allows the computer to be used as an external hard disk.

Features Built Into Every Macintosh

Usability

- > Runs thousands of Macintosh applications
- > Easy to set up, learn, and use

System software

- > System 7.0.1, with multitasking, file sharing, Balloon Help, and TrueType fonts

Networking

- > Built-in AppleTalk networking
- > File sharing without a dedicated server

Compatibility

- > Macintosh, MS-DOS, OS/2, and ProDOS floppy disk formats

Macintosh PowerBook 100

Technical Specifications

Microprocessor

- > 68HC000, running at 16 megahertz

Memory

- > Comes with 2 megabytes pseudostatic RAM on the logic board, and one memory expansion slot.
- > Expand to up to 8 megabytes of RAM by installing a RAM expansion card in the expansion slot

Disk storage

- > One internal 20-megabyte hard disk
- > External 1.4-megabyte floppy disk drive: reads, writes, and formats Macintosh, MS-DOS, OS/2, and ProDOS disks

Display

- > 9 in. (229 mm) diagonal
- > Backlit Supertwist liquid crystal display
- > 640 by 400 pixels

Battery

- > Sealed lead-acid, 2.3 ampere-hours, provides 2 to 4 hours of usage before recharging is necessary
- > Recharge time: 3 hours

Keyboard

- > Built-in keyboard with standard Macintosh layout
- > Two-level tilt adjustment

Trackball

- > 25 mm-diameter, dual button trackball

Clock/calendar

- > CMOS custom chip with long-life lithium battery

Interfaces

- > One Apple Desktop Bus (ADB) port for keyboard, mouse, and other devices using a low-speed, synchronous serial bus
- > One RS-422 serial port for LocalTalk networking, printers, modems, and other devices
- > One HDI-30 SCSI port for hard disks, scanners, CD-ROM drives, and other devices
- > One sound output port for external audio amplifier
- > One HDI-20 floppy disk drive port for the external 1.4-megabyte floppy disk drive

Modem

- > Optional internal 2400-baud modem with fax at 9600 baud; includes fax send software
- > Error correction and compression: MNP 4, 5 and V.42, V.42bis

Sound generator

- > Apple Sound Chip provides 8-bit sound capable of driving headphones or other stereo equipment through the sound port.

Disability access

- > CloseView, 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 disability.

ADB power requirements

- > Maximum current draw for all ADB devices is 50 milliamps (a maximum of three ADB devices is recommended)

Electrical requirements

- > Line voltage: 110 to 220 volts
- > Frequency: 50 to 60 hertz

Environmental requirements

- > Operating temperature: 50° F to 104° F (10° C to 40° C)
- > Storage temperature: 50° F to 140° F (10° C to 60° C)
- > Relative humidity: 20% to 80% noncondensing
- > Altitude: 0 to 15,000 ft. (0 to 4,722 m)

Size and weight

- > Height: 1.8 in. (4.6 cm)
- > Width: 11 in. (28.0 cm)
- > Depth: 8.5 in. (22.0 cm)
- > Weight: 5.1 lb. (2.3 kg)

Ordering Information

Macintosh PowerBook 100 2/20

Order No. M0567LL/A

- > Macintosh PowerBook 100 personal computer with 2 megabytes of RAM and one 20-megabyte internal hard disk
- > Battery and AC adapter
- > System software
- > HyperCard 2.1 software and documentation
- > Training software
- > Complete setup, learning, and reference documentation
- > Limited warranty statement

Macintosh PowerBook 100 2/20 (with external floppy disk drive)

Order No. M1045LL/A

- > All features included with the Macintosh PowerBook 100 2/20
- > 1.4-megabyte Macintosh HDI-20 External 1.4MB Floppy Disk Drive

Macintosh PowerBook 2MB Memory Expansion Kit

Order No. M1032LL/A

Macintosh PowerBook 4MB Memory Expansion Kit

Order No. M1033LL/A

Macintosh HDI-20 External 1.4MB Floppy Disk Drive

Order No. M8061LL/A

Macintosh PowerBook 100 Battery Recharger

Order No. M5130LL/A

Macintosh PowerBook 100 Rechargeable Battery

Order No. M1183LL/A

Macintosh PowerBook AC Adapter

Order No. M1058LL/A

Macintosh PowerBook Fax/Data Modem (U.S., Canada, Japan)

Order No. M0970LL/A

Macintosh PowerBook Fax/Data Modem (Europe, Australia, and some South American countries)

Order No. M0980**/A

Apple HDI-30 SCSI Disk Adapter

Order No. M2539LL/A

Apple HDI-30 SCSI System Cable

Order No. M2538LL/A

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