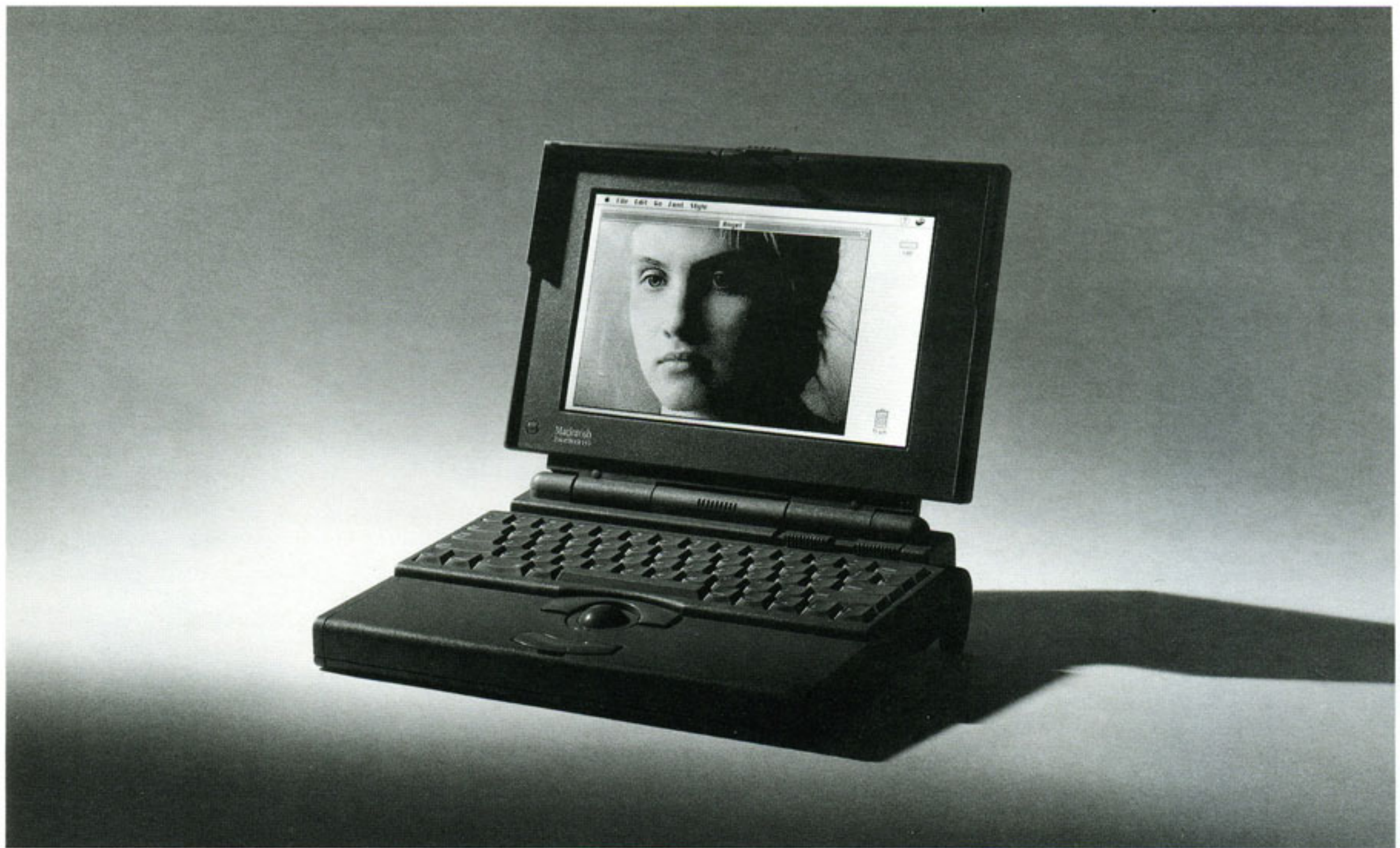


# Macintosh PowerBook 145



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

The Macintosh PowerBook 145 is designed for those who want solid Macintosh performance and flexibility in a powerful, take-it-wherever-you-work notebook computer. This sleek, innovative Macintosh fits easily inside a briefcase—but offers the full power and ease of Macintosh computing.

What's more, the Macintosh PowerBook 145 gives you a remarkably comfortable way to work, thanks to the most innovative ergonomic design in the industry. An integrated trackball/palm rest makes it easy for you to work with the computer on your lap, and you can easily adjust the standard-size keyboard and bright, full page-width display.

The Macintosh PowerBook 145 also offers a built-in floppy disk drive that accommodates Macintosh, MS-DOS, OS/2, and ProDOS formats.

Other built-in features that you usually can't get in notebook computers include networking capabilities, which give you instant access to all the resources in an AppleTalk network. Six built-in ports let you plug your Macintosh PowerBook 145 directly into high-capacity hard disks, printers, and input devices. With an optional modem, you can send electronic mail, access information on other computers, and even connect to your AppleTalk network—plus send documents to facsimile machines anywhere. The Macintosh PowerBook 145 also has built-in sound input capability so you can add sounds from other sources.

## Macintosh PowerBook 145 Features

### Processor

- ▶ 25-MHz 68030 microprocessor

### Memory

- ▶ 4 MB of RAM, expandable to 8

### Expansion

- ▶ Six built-in ports for peripherals
- ▶ Internal slots for modem and RAM

### Display

- ▶ Backlit Supertwist, 640 by 400 pixels

## 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 145

## Technical Specifications

### Microprocessor

- ▶ 68030, running at 25 MHz

### Memory

- ▶ Comes with 4 MB pseudostatic RAM, 2 MB on the logic board and 2 MB on a RAM expansion card that fits into the memory card slot
- ▶ Expand to up to 8 MB of RAM by replacing the 2-MB expansion card with either a 4- or a 6-MB RAM expansion card

### Disk storage

- ▶ One built-in 1.4-MB drive that uses high-density floppy disks and reads, writes, and formats Macintosh, MS-DOS, OS/2, and ProDOS disks
- ▶ One internal 40- or 80-MB hard disk

### Display

- ▶ 10 in. (254 mm) diagonal
- ▶ Backlit Supertwist liquid crystal display
- ▶ 640 by 400 pixels

### Battery

- ▶ NiCad, 2.5 Ah, provides 2 to 3 hours of usage before recharging is necessary
- ▶ Recharge time: 3 hours

### Keyboard

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

### Trackball

- ▶ 30 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
- ▶ Two RS-422 serial ports 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 sound-in port

### Modem

- ▶ Optional internal 2400-baud modem with fax send 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 stereo headphones or other stereo equipment through the sound port

### Sound input

- ▶ 8-bit sound, sampled at 11 or 22 kHz

### Disability access

- ▶ CloseView, Easy Access, and visible beep are 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 10 mA (a maximum of three ADB devices is recommended)

### Electrical requirements

- ▶ Line voltage: 110 to 220 V
- ▶ Frequency: 50 to 60 Hz

### 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 4722 m)

### Size and weight

- ▶ Height: 2.25 in. (5.7 cm)
- ▶ Width: 11.25 in. (28.6 cm)
- ▶ Depth: 9.3 in. (23.6 cm)
- ▶ Weight: 6.8 lb. (3.03 kg)

## Ordering Information

### Macintosh PowerBook 145 4/40

Order No. M4630LL/A

- ▶ Macintosh PowerBook 145 personal computer with 4 MB of RAM, one 40-MB internal hard disk, and one built-in 1.4-MB Apple SuperDrive
- ▶ Battery and AC adapter
- ▶ Microphone
- ▶ System software
- ▶ HyperCard 2.1 software and documentation
- ▶ Training software
- ▶ Complete setup, learning, and reference documentation
- ▶ Limited warranty statement

### Macintosh PowerBook 145 4/80

Order No. M4650LL/A

- ▶ All features included with the Macintosh PowerBook 145 4/40
- ▶ 80-MB internal hard disk

### Macintosh PowerBook 2MB Memory Expansion Kit

Order No. M1032LL/A

### Macintosh PowerBook 4MB Memory Expansion Kit

Order No. M1033LL/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

### Macintosh PowerBook 140/170\* Rechargeable Battery

Order No. M5545LL/A

### Macintosh PowerBook AC Adapter

Order No. M1058LL/A

### Macintosh PowerBook 140/170\* Battery Recharger

Order No. M1027LL/A

### Apple HDI-30 SCSI System Cable

Order No. M2538LL/A

*\*These peripherals function with the Macintosh PowerBook 145*

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