



# Tech Info Library

## PowerBook 145B Plus Pack: Technical Specifications (6/96)

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TOPIC -----

This article provides the technical specifications for the Apple PowerBook 145B Plus Pack.

DISCUSSION -----

### Microprocessor

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- Motorola 68030, running at 25 MHz

### Memory

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- Comes with 4 MB of pseudostatic RAM (PSRAM)
- Expands to 8 MB of RAM with the addition of a 4-MB PSRAM expansion card
- Disk storage
- One built-in 1.4-MB Apple SuperDrive disk drive that uses high-density floppy disks and reads, writes, and formats Macintosh, MS-DOS, OS/2, and ProDOS disks
- One internal 80-MB hard disk drive

### Display

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- 10-in. (254 mm) diagonal
- Backlit supertwist passive-matrix display, 640 by 400 pixels

### Battery

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- Nickel-cadmium which provides 2 to 3 hours of portable computer use before recharging is necessary

### Keyboard

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

### Trackball

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- 30-mm (approx. 1.25-inch) diameter, two buttons

## Clock/Calendar

- CMOS custom-integrated circuit with long-life lithium battery

## Interfaces

- One Apple Desktop Bus (ADB) port for keyboard, mouse, and other input devices
- 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-out port for external audio amplifier or headphones
- One sound-in port

## Modem

- Internal PowerPort Bronze 2400-bps modem from Global Village Communication with fax send/receive at 9600 baud; includes fax send/receive software and ZTerm software

## Sound Generator

- Apple Sound Chip provides 8-bit sound and is capable of driving stereo headphones or other stereo equipment. These devices connect to the Apple Sound Chip through the sound port.

## Sound input

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

## Disability Access

- CloseView, Easy Access, and visible-beep software are included with system software. These built-in third-party options provide alternative means of input and output for people with disabilities.

## ADB Power Requirements

- Maximum current draw for all ADB devices is 200 mA (milliamps) (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: -13° F to 140° F (-25° C to 60° C)
- Relative humidity: 20% to 80% noncondensing

- Operating altitude: 0 to 10,000 ft. (0 to 3048 m)
- Maximum storage altitude: 15,000 ft. (4722 m)

#### Size and Weight

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- 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)

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05 Jun 1996 - Corrected minor typographical error.

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