



# Tech Info Library

## PowerBook 145: Specifications (Discontinued)

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TOPIC -----

This article gives technical specifications for the Macintosh PowerBook 145 notebook computer.

DISCUSSION -----

### Microprocessor

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- 68030, running at 25 MHz

### Address and Data Bus

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32-bit Address Bus

32-bit Data Bus

### Memory

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- Comes with 2MB or 4MB pseudostatic RAM on the logic board and one memory expansion slot.
- Expandable to 8MB of RAM by installing a RAM expansion card in the expansion slot.

### Disk Storage

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

### Display

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

## Battery

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- NiCad, 2.5 ampere-hours, provides 2 to 3 hours of use before recharging is necessary
- Recharge time: 100% recharged after 5 hours; 80% recharged after 3 hours

## Keyboard

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

## Trackball

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- Dual-button trackball, 30 mm diameter,

## Clock/Calendar

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- CMOS custom chip with long-life lithium battery

## Interfaces

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- 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

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

## Sound Generator

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

## Sound Input

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

## 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 200 milliamps (a maximum of three ADB devices is recommended)

## Electrical Requirements

- Line voltage: 100 to 240 volts
- Frequency: 50 to 60 Hz

## Environmental Requirements

- Operating temperature: 50 to 104 degrees F (10 to 40 degrees C)
- Storage Temperature: -40 to 65° C (-40 to 148° F)
- Relative humidity: 20% to 80% noncondensing
- Altitude: Operating: 3048 m (10,000 ft.) maximum  
Shipping (non-operating) 0 to 15,000 ft. (0 to 4,722 m)

## Size and Weight

- Height 2.25 inches (5.7 cm)
- Width 11.25 inches (28.6 cm)
- Depth 9.3 inches (23.6 cm)
- Weight 6.8 lb (3.03 kg)

## Noise Level

Noise free except for floppy or hard disk use.

## Article Change History

22 Mar 1995 - Updated altitude information.  
02 Jun 1993 - Updated to correct voltage specification.  
19 Feb 1993 - Updated to correct storage temperature range.

## Support Information Services

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