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PowerBook 170: Specifications (Discontinued)

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TOPIC -----

This article gives technical specifications for the Macintosh PowerBook 170 notebook computer.

DISCUSSION -----

Microprocessor

- 68030, running at 25 MHz
- 68882 math coprocessor, running at 25 MHz

Memory

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

Disk Storage

- 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 hard disk

Display

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

Battery

- 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

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

Trackball

- dual button trackball, 30 mm diameter

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

- 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 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 Hz

Environmental Requirements

- Operating temperature: 50 to 104 degrees F (10 to 40 degrees C)
- Storage temperature: -40 to +149 degrees F (-40 to +65 degrees C)
- 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. (3.08 kg)

Noise Level

Noise free except for floppy or hard disk use.

Article Change History:

- 22 Mar 1995 - Updated altitude information.
- 27 Aug 1993 - Revised to reflect correct storage temperatures.

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