



Tech Info Library

PowerBook 140: Specifications (Discontinued)

Article Created: 21 October 1991

Article Reviewed/Updated: 22 March 1995

TOPIC -----

This article gives technical specifications for the Macintosh PowerBook 140 notebook computer.

DISCUSSION -----

Microprocessor

- 68030, running at 16 MHz

Address and Data Bus

32-bit Address Bus

32-bit Data Bus

Memory

- 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

- 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

- 10 inch (254 mm) diagonal
- Backlit Supertwist 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

- 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

- 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 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 operating and shipping altitude ratings.
02 Jun 1993 - Updated to correct voltage specification.
19 Feb 1993 - Updated to correct storage temperature range.

Support Information Services

Copyright 1991-95, Apple Computer, Inc.

Keywords: specsht,kpbook

=====

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 8977