Tech Info Library

PowerBook 140: Specifications (Discontinued)

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Revised:        3/22/95
Security:       Everyone


PowerBook 140: Specifications (Discontinued)


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TOPIC -------------------------------------------------------------

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



DISCUSSION --------------------------------------------------------

Microprocessor
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• 68030, running at 16 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

• 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
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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.

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