



System Fact Sheet

SYSTEM

Introduced: October 1996
Discontinued: July 1997
Gestalt ID: 310
Form Factor: PowerBook 1400
Weight (lbs.): 6.6
Dimensions (inches): 2 H x 11.5 W x 9 D

Codename: Epic
Oder Number: M5576LL/A
KB Article #: 20468, 20469

Weight of this system varies based on the accessories installed.

POWER

Max. Watts: 45
Amps: 1.875
BTU Per Hour: 153.9
Voltage Range: 100-220
Freq'y Range (Hz): 50-60
Battery Type: PB1400, NiMH

Soft Power
 Monitor Power Outlet

PORTS

ADB: 1
Video: opt. mini-15
Floppy: none
SCSI: HDI-30
GeoPort Connectors: none
Ethernet: none

Microphone Port Type: Line in

Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

VIDEO

Built-in Display: 11.3" active matrix LCD

		<i>Maximum Color Bit-depth¹ At:</i>								
		512	640	640	640	800	832	1024	1152	1280
VRAM Speed:	VRAM Needed:	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
n/a	built in	n/a	n/a	n/a	n/a	16	n/a	n/a	n/a	n/a

Video Configuration: built-in LCD screen

¹ 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions
² The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

LOGICBOARD

Main Processor: 603e, 133 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 33.3 MHz
L1 Cache: 32K
L2 Cache: 128K

Secondary Processor: none
Slots: 2 Type II PC Card (1 Type III)

MEMORY

Memory on Logic Board: 16 MB
Minimum RAM: 16 MB
Maximum RAM: 64 MB
RAM Slots: 1 PB1400
Minimum RAM Speed: 70 ns
RAM Sizes: 8-24 MB
Install in Groups of: 1

Memory expansion slot allows "piggy-backing" of up to two memory cards.

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW: 7.5.3
Original Enabler: PowerBook 1400 Enabler

ROM ID: \$077D
ROM Version: n/a
ROM Size: 4MB
AppleTalk Version: n/a

Supported Macintosh System Software:

<input type="checkbox"/> A/UX 1.0	<input type="checkbox"/> NOS 1.11	<input type="checkbox"/> ProDOS	<input type="checkbox"/>
<input type="checkbox"/> A/UX 1.11	<input type="checkbox"/> NOS 1.3	<input type="checkbox"/> GS/OS	<input type="checkbox"/>
<input type="checkbox"/> A/UX 2.0	<input type="checkbox"/> NOS 2.0	<input type="checkbox"/> NeXTStep 1.x	<input type="checkbox"/>
<input type="checkbox"/> A/UX 3.0.1	<input type="checkbox"/> NOS 2.1	<input type="checkbox"/> NeXTStep 2.x	<input type="checkbox"/>
<input type="checkbox"/> A/UX 4.1.4	<input type="checkbox"/> LOS 7/7	<input type="checkbox"/> NeXTStep 3.x	<input type="checkbox"/>
<input type="checkbox"/> A/UX 4.1.4.1	<input type="checkbox"/> DOS 3.1	<input type="checkbox"/> OpenStep	<input type="checkbox"/>
<input type="checkbox"/> A/UX 4.1.5	<input type="checkbox"/> SOS 1.3	<input type="checkbox"/> <1.0	<input type="checkbox"/>

SOUND

Built-in Microphone

Microphone Port Type: Line in
Sound In: stereo, 16-bit
Sound Out: stereo, 16-bit

STORAGE

Supports Internal CD-ROM

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 1, 1.3GB
Internal HD Interface: ATA
Original CD-ROM Speed: 6x

HISTORY

Announced in October 1996, The PowerBook 1400 was a partial answer to a number of questions about recent PowerBooks. Powered by the same 117 Mhz 603e as the 5300, the 1400 was the first PowerBook to include an internal CD-ROM drive (6X). The bay for the sleep-swappable drive could also accommodate a variety of other storage options, including MO and zip drives. The RAM came in stackable modules (another PowerBook 1st) allowing for up to 64 MB of RAM. The 1400 also included an Internal expansion slot for video-out or Ethernet cards, and two PC Card slots that could accommodate two Type II PC Cards or one Type III PC Card. Faster models with a small L2 cache and an 8x CD-ROM drive were also released. The 1400 was discontinued early in 1998.