



System Fact Sheet

SYSTEM

Introduced: May 1997
Discontinued: n/a
Gestalt ID: 310
Form Factor: PowerBook 1400
Weight (lbs.): 6.7
Dimensions (inches): 2 H x 11.5 W x 9 D

Codename: Epic
Order Number:
KB Article #: 20468

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" dual-scan LCD

Maximum Color Bit-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
n/a	built in	built-in LCD screen	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
			n/a	n/a	n/a	n/a	16	n/a	n/a	n/a	n/a

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: 7.6.1
Original Enabler: none

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

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

Built-in Microphone

STORAGE

Supports Internal CD-ROM

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 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.