



**System Fact Sheet**

**SYSTEM**

**Introduced:** July 1997  
**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:**  
**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" active matrix LCD

**Maximum Color Bit-depth<sup>1</sup> At:**

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

<sup>1</sup> 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions

<sup>2</sup> The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

**LOGICBOARD**

**Main Processor:** 603e, 166 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:** 8-24MB  
**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**

**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:** 2GB  
**Internal HD Interface:** ATA  
**Original CD-ROM Speed:** 8x

**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.