



**System Fact Sheet**

### SYSTEM

**Introduced:** September 1984  
**Discontinued:** April 1986  
**Gestalt ID:** 2  
**Form Factor:** 128  
**Weight (lbs.):** 16.5  
**Dimensions (inches):** 13.6 H x 9.6 W x 10.9 D

**Codename:** Fat Mac  
**Order Number:** M0001WLL/A  
**KB Article #:**

*Support Discontinued 9/1/98*

### POWER

**Max. Watts:** 60  
**Amps:** 0.50  
**BTU Per Hour:** 205.2  
**Voltage Range:** 105-125  
**Freq'y Range (Hz):** 50-60  
**Battery Type:** 4.5V alkaline, #523

**Soft Power**  
 **Monitor Power Outlet**

### PORTS

**ADB:** 0  
**Video:** none  
**Floppy:** DB-19  
**SCSI:** none  
**GeoPort Connectors:** none  
**Ethernet:** none  
**Microphone Port Type:** none

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

*The serial ports in this system do not support handshaking or synchronous modems.*

### VIDEO

**Built-in Display:** 9" monochrome CRT

		<b>Maximum Color Bit-depth<sup>1</sup> At:</b>									
		512	640	640	640	800	832	1024	1152	1280	
<b>VRAM Speed:</b>	<b>VRAM Needed:</b>	x384	x400	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024	
n/a	built in	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**Video Configuration:** built-in CRT

<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.  
*Screen size is 512x342.*

### LOGICBOARD

**Main Processor:** 68000, 8 MHz  
**PMMU:** none  
**FPU:** none  
**Data Path:** 16-bit, 8 MHz  
**L1 Cache:** none  
**L2 Cache:** none  
**Secondary Processor:** none  
**Slots:** none

### MEMORY

**Memory on Logic Board:** 0.5 MB  
**Minimum RAM:** 0.5 MB  
**Maximum RAM:** 0.5 MB  
**RAM Slots:** 0 n/a  
**Minimum RAM Speed:** n/a  
**RAM Sizes:** n/a  
**Install in Groups of:** n/a

### SOFTWARE

**Speech Recognition Supported**

**Addressing Modes:** 24-bit  
**Original SSW:** 0.7  
**Original Enabler:** none

**ROM ID:** \$0000  
**ROM Version:** n/a  
**ROM Size:** 64K  
**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 checked="" type="checkbox"/>
<input type="checkbox"/> A/UX 1.11	<input type="checkbox"/> NOS 1.3	<input type="checkbox"/> GS/OS	<input checked="" type="checkbox"/>
<input type="checkbox"/> A/UX 2.0	<input type="checkbox"/> NOS 2.0	<input type="checkbox"/> NeXTStep 1.x	<input checked="" type="checkbox"/>
<input type="checkbox"/> A/UX 3.0.1	<input type="checkbox"/> NOS 2.1	<input type="checkbox"/> NeXTStep 2.x	<input checked="" 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 checked="" type="checkbox"/> <1.0	<input checked="" type="checkbox"/>

### SOUND

**Built-in Microphone**

**Microphone Port Type:** none  
**Sound In:** none  
**Sound Out:** mono, 8-bit

### STORAGE

**Supports Internal CD-ROM**

**Floppy Size:** 400K  
**Floppy Inject:** manual  
**Internal HD Size:** none  
**Internal HD Interface:** none  
**Original CD-ROM Speed:**

### HISTORY

Introduced in September of 1984, the Mac 512k was a Mac 128k with 384k more RAM. It was replaced in April 1986 with the 512ke, which included an 800k floppy drive, and a 128k ROM. It was discontinued later that year. The 512k sold for \$3,195, and the 512ke for \$1,999.