



**System Fact Sheet**

**SYSTEM**

**Introduced:** February 1997  
**Discontinued:** December 1997  
**Gestalt ID:** 109  
**Form Factor:** PM 7500  
**Weight (lbs.):** 22  
**Dimensions (inches):** 6.15 H x 14.37 W x 16.93 D  
**Codename:** Montana  
**Order Number:** M5543LL/A  
**KB Article #:** 28008, 28009

**POWER**

**Max. Watts:** 150  
**Amps:** 3.00  
**BTU Per Hour:** 513  
**Voltage Range:** 100-130/200-270  
**Freq'y Range (Hz):** 50-60  
**Battery Type:** 3.6V lithium  
 **Soft Power**  
 **Monitor Power Outlet**

**PORTS**

**ADB:** 1  
**Video:** DB-15  
**Floppy:** none  
**SCSI:** DB-25  
**GeoPort Connectors:** 2  
**Ethernet:** AAUI-15 &  
**Microphone Port Type:** PlainTalk  
 **Printer**     **Speaker**  
 **Modem**     **Headphone**  
 **Airport**     **Remote Control**

**VIDEO**

**Built-in Display:** none

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

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
x384	x400	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024			
70 ns	2x1MB	2MB VRAM	24	n/a	24	8	24	24	16	16	8
	4x1MB	4MB VRAM	24	n/a	24	8	24	24	24	24	16

<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:** 604e, 200 MHz  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 50 MHz  
**L1 Cache:** 64K  
**L2 Cache:** 256K  
**Secondary Processor:** opt. PC Compatibility Card  
**Slots:** 3 PCI

**MEMORY**

**Memory on Logic Board:** none  
**Minimum RAM:** 32 MB  
**Maximum RAM:** 512 MB  
**RAM Slots:** 8 168-pin  
**Minimum RAM Speed:** 70 ns  
**RAM Sizes:** 8, 16, 32, 64 MB  
**Install in Groups of:** 1

*128MB DIMMs can be used, but have not been tested. Two identical DIMMs installed in corresponding slots may result in increased performance.*

**SOFTWARE**

**Speech Recognition Supported**

**Addressing Modes:** 32-bit  
**Original SSW:** 7.5.5  
**Original Enabler:** System Enabler 702

**ROM ID:** \$077D  
**ROM Version:** \$34  
**ROM Size:** 4MB  
**AppleTalk Version:** 60.1.1

**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:** PlainTalk  
 **Built-in Microphone**  
**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:** SCSI  
**Original CD-ROM Speed:** 12x

**HISTORY**

Introduced in February 1997, The 7300 replaced both the 7200 and the 7600 in Apple's product line. Available in both 180 and 200 Mhz models (and 166Mhz in Japan and Europe), the 7300 ran on a single 604e processor. It lost the 7600's video input circuitry, but kept the removable daughtercard and the 7600's memory interleaving feature. (neither of which had been included in the 7200) The 180 Mhz model included 16 MB of RAM, and sold for \$1,700. The 200 Mhz model included 32 MB of RAM, and sold for \$2,300. The 7300 was discontinued in late 1997.